

Declaration of the Record of Decision,
Decision Summary, Responsiveness Summary,
and Administrative Record Index

for

Interim Remedial Action
Naval Air Station Whidbey Island
Operable Unit 1, Area 6
Oak Harbor, Washington

April 1992

Signed 4-28-92

USEPA SF



1291588

DECLARATION OF THE RECORD OF DECISION

SITE NAME AND LOCATION

Naval Air Station Whidbey Island, Ault Field
Operable Unit 1, Area 6
Oak Harbor, Washington

STATEMENT OF BASIS AND PURPOSE

This decision document presents the selected interim remedial action for Area 6 Landfill at the Naval Air Station Whidbey Island, chosen in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act, as amended by the Superfund Amendments and Reauthorization Act, and, to the extent practicable, the National Oil and Hazardous Substances Pollution Contingency Plan. This decision is based on the administrative record file for this site.

The U.S. Navy is the lead agency for this decision. The U.S. Environmental Protection Agency (EPA) approves of this decision and, along with the State of Washington Department of Ecology (Ecology), has participated in the scoping of the site investigations and in the evaluation of interim remedial action alternatives. The State of Washington, operating under the authority of the Model Toxics Control Act (MTCA), concurs with the selected remedy.

ASSESSMENT OF THE SITE

This interim remedial action will provide an opportunity to significantly reduce the mobility of ground water contaminants, thereby reducing the potential risk to human health and the environment. Actual or threatened releases of hazardous substances from this site, if not addressed by implementing the response action selected in this Record of Decision (ROD), may present an imminent and substantial endangerment to public health, welfare, or the environment. The selected interim remedial action is expected to be consistent with the final remediation and minimize additional remediation costs which would otherwise occur if no action were taken at this time.

DESCRIPTION OF THE REMEDY

This interim remedial action addresses the primary risk posed by this site to the public by controlling the spread of a contaminated plume of ground water. This operable unit is one of three operable units for the site. The function of this interim action is to reduce the risk associated with the continued spread of the contaminated ground water plume at Operable Unit 1 through containment, on-site treatment and disposal. While this remedy does address one of the primary risks at Area 6, continued study is necessary to determine the ultimate remedy for the entire operable unit and ultimately the site as a whole.

Major components of the interim action remedy include:

- Extraction of ground water in the shallow aquifer beneath Area 6 using extraction wells to minimize the spread of the contaminated plume;

- Treating the extracted ground water using metal precipitation, air stripping, and vapor phase activated carbon;
- Discharging the treated water back to the shallow aquifer by irrigation or reinjection; and
- Monitoring of the ground water and treated water to measure the effectiveness of the action.

DECLARATION

This interim action is protective of human health and the environment, complies with Federal and State applicable or relevant and appropriate requirements and is cost effective. Although this action is not intended to be a permanent remedy, it utilizes permanent solutions and treatment to the maximum extent practicable, given the limited scope of the action, and thus is in furtherance of the statutory mandate. Because this action does not constitute the final remedy for the operable unit, the statutory preference for remedies that employ treatment that reduces toxicity, mobility or volume as a principal element, although partially addressed in this remedy, will be addressed at the time of the final response action. Subsequent actions will fully address the risks posed by the conditions at this operable unit.

Because this interim action will result in hazardous substances remaining on site above health based levels, a review will be conducted to ensure that this action continues to reduce the threat to human health and the environment within five years after commencement of the remedial action. Review of this interim action will be ongoing as the Navy continues to evaluate permanent remedial alternatives to support the final remedy selection for this operable unit.

Signature sheet for the foregoing Naval Air Station Whidbey Island - Area 6, Interim Remedial Action, Record of Decision, between the United States Navy and the United States Environmental Protection Agency, with concurrence by the Washington State Department of Ecology.

Dana A. Rasmussen

Dana A. Rasmussen
Regional Administrator, Region 10
United States Environmental Protection Agency

APR 21 1992

Date

Signature sheet for the foregoing Naval Air Station Whidbey Island - Area 6, Interim Remedial Action, Record of Decision, between the United States Navy and the United States Environmental Protection Agency, with concurrence by the Washington State Department of Ecology.

Carol L. Fleskes

Carol Fleskes, Program Manager
Toxics Cleanup Program
Washington State Department of Ecology

April 23, 1992
Date

Signature sheet for the foregoing Naval Air Station Whidbey Island - Area 6, Interim Remedial Action, Record of Decision, between the United States Navy and the United States Environmental Protection Agency, with concurrence by the Washington State Department of Ecology.



R. R. Penfold
Captain U.S. Navy
Commanding Officer
Naval Air Station, Whidbey Island

28 APRIL 1992
Date

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DECISION SUMMARY

1.0 INTRODUCTION

In accordance with Executive Order 12580, the Comprehensive Environmental Response, Compensation, and Liability Act, as amended by the Superfund Amendments and Reauthorization Act, and, to the extent practicable, the National Oil and Hazardous Substances Pollution Contingency Plan, the Navy is addressing contamination by undertaking an interim action. The selected interim action has the approval of the U.S. Environmental Protection Agency (EPA), the concurrence of the Washington State Department of Ecology (Ecology), and is responsive to the expressed concerns of the public. The selected interim remedial action will comply with applicable or relevant and appropriate requirements (ARARs) promulgated by the Washington State Department of Ecology (Ecology), the U.S. Environmental Protection Agency (EPA), and other state and federal agencies.

This action is being taken to address the plume of contamination found to be expanding in the ground water under the Navy's landfill west of Highway 20, south of Clover Valley Road and east of Goldie Road. This area is known as Area 6. This interim action is being taken to retard or stop the spread of the plume until an overall plan can be developed.

2.0 SITE NAME, LOCATION AND DESCRIPTION

Naval Air Station Whidbey Island (NAS) is located on Whidbey Island in Island County, Washington, at the north end of Puget Sound and the eastern end of the Strait of Juan de Fuca (Figure 1). The Station is comprised of two main installations, Ault Field and Seaplane Base. Area 6, which comprises a portion of Operable Unit 1 at Ault Field, is the subject of this action and is located to the northwest of the City of Oak Harbor.

NAS Whidbey Island was commissioned in 1942. Currently, the station's mission is to operate and maintain Navy aircraft and aviation facilities and provide associated support. Since the 1940s, operations at NAS Whidbey Island have generated a variety of hazardous wastes. These wastes were disposed of using what were in the past considered acceptable disposal practices. Wastes consisted of solvents, oily sludges, thinners, and other hazardous compounds. Dumping of hazardous wastes at Area 6 occurred between 1969 and 1988.

Area 6 is comprised of 260 acres and is located in the southeast corner of Ault Field (Figure 1). It is bordered by Ault Field Road to the north, State Highway 20 to the east, the Oak Harbor municipal landfill on the south and southwest, and privately-owned generally undeveloped, forested or logged off land to the west. A gravel road extending south from Ault Field Road provides access to the property. Area 6 is fenced and access is restricted to authorized personnel. Landfill operations have been ongoing since 1969. While disposal of hazardous waste no longer continues, municipal solid waste from NAS Whidbey Island is disposed of in elongated trenches in the southeast part of Area 6. Locations currently used for disposal at Area 6 shown on Figure 2 include:

- Current Landfill Trench - consists of one large trench in the southwestern part of the site.
- Asbestos Pits/Ponds - including two small ponds (now filled) in the central part of the Area 6. Asbestos is now disposed of in nearby shallow trenches and covered.

Figure 1 - Site Map

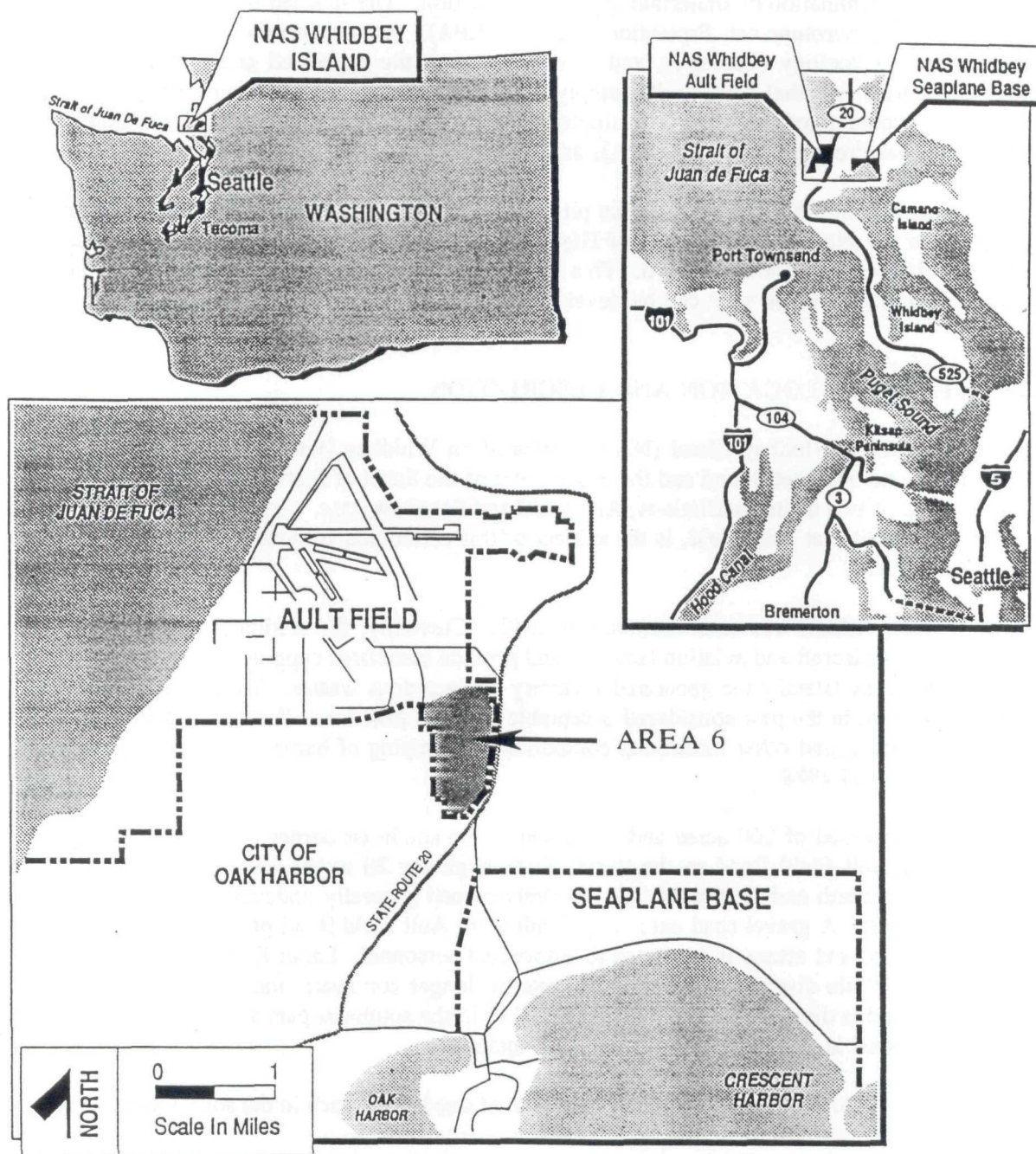
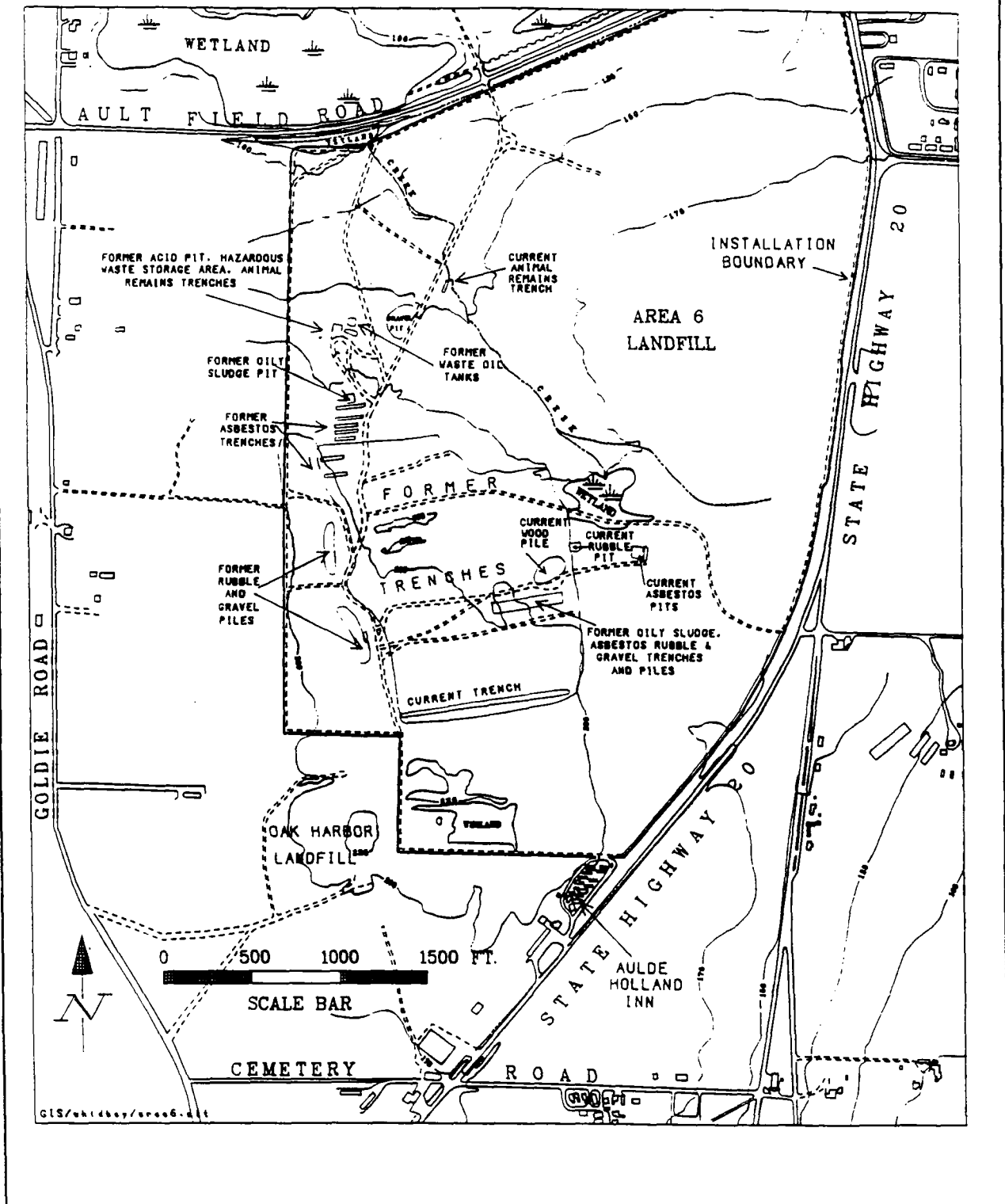


Figure 2 - Area 6 Features



- Wood Pile - consists of a large pit filled with waste wood that is burned periodically to reduce waste volume. It is located east of the former landfill trench area.
- Rubble Pit/Pond - a small pond between the asbestos pits/ponds and the wood pile containing rubble and various other wastes.
- Animal Remains Trench - recently constructed along the landfill access road; contains animal remains from road kills and other unidentified sources.
- Rubble/Gravel Piles - consist of various piles of construction debris rubble, gravel, and sand. These are not shown on Figure 1.

Past disposal locations shown on Figure 2 for Area 6 include:

- Former Landfill Trenches - large area in the western part of the landfill. Trenching began at the north end and progressed southward. Liquids and sludges containing hazardous waste constituents were disposed of here from 1969 until 1983 in the northern two-thirds of the trench area; maximum quantity over the 14 years is estimated to be 2.2 million gallons.
- Acid Pit - a small pit located near the western end of the gravel loop road. It has been filled in with local sand and gravel. The pit was used from the early 1970s to the early 1980s. The total volume of liquid wastes (acids, caustics, solvents) disposed of here over 12 years is estimated to be 300,000 to 700,000 gallons.
- Oily Sludge Pit - believed to consist of either a small pit or a series of east-west oriented trenches located south of the gravel loop road. The total volume of liquid and sludge wastes disposed of over five years (1969 to mid-1970s) is estimated to be 100,000 to 600,000 gallons.
- Asbestos Trenches - consisted of several east-west trenches located near the oily sludge pit. The quantity of wastes disposed is unknown.
- Waste Oil Tanks - either one or two oil tanks (10,000 gallons) were used to store oil during an unknown time interval. These tank(s) were located north of the gravel loop road next to the loading platform. The quantity of waste disposed of is unknown. The tank(s) were removed to an unknown location prior to early 1988.
- Solvent/Caustic Waste Tank - a small tank (< 10,000 gallons) was used for storage of solvent or caustic wastes. It is not known when this tank was used or exactly where it was located, but it was probably situated in the gravel loop road area. The quantity of waste disposed of is unknown. The tank(s) were removed to an unknown location prior to early 1988.
- Hazardous Waste Storage Area - this area contained full, partially-full, and empty metal drums. It was located around the west end of the gravel loop road, probably above the filled-in acid pit. The quantity of waste disposed of is unknown. The area was in use from the early 1980s until about 1986. All of the drums were removed to an unknown location prior to early 1988.

- Oily Sludge, Asbestos, Rubble Trenches/Piles - this area was located in the east part of the landfill trench area. Gravel was also disposed of in this area. The quantity of waste disposed of is unknown.
- Former Animal Remains Trenches - used for disposal of animals killed by aircraft or vehicles on NAS Whidbey Island. It was located near the west end of the gravel loop road and was in use until 1989. The quantity of waste disposed of is unknown.
- Rubble/Gravel Piles - consist of various piles of rubble, gravel, and sand located along the western side of Area 6 in the landfill trench area. The beginning date of disposal activities is unknown but continues to the present. The quantity of waste disposed of is unknown.

Area 6 is a ground water recharge area underlain by three aquifers: shallow, intermediate and deep. In a portion of Area 6, in the vicinity of the former hazardous waste storage area, the soil and the ground water in the shallow aquifer is contaminated. The contaminants include, but are not limited to, the volatile organics: 1,1,1-trichloroethane, trichloroethene, 1,1-dichloroethane, 1,1-dichloroethene, 1,2-dichloroethene, vinyl chloride, and the metals: chromium, arsenic and lead.

The nearest populations are located along the south-eastern edge of Area 6 at the Aulde Holland Inn and Trailer Park, approximately 3300 feet from the gravel loop road, and at residences located along Goldie Road, approximately 1200 feet west of the Area 6 western boundary.

3.0 SITE HISTORY AND ENFORCEMENT ACTIONS

In response to the requirements of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), the Department of Defense (DOD) established the Installation Restoration (IR) program. The U.S. Navy, in turn, established a Navy IR program to meet the requirements of CERCLA and the DoD IR program. From 1980 until early 1987, this program was called the Navy Assessment and Control of Installation Pollutants (NACIP) program. A set of procedures and terminologies were developed under this program to describe the NACIP activities which were different from those used by the U.S. EPA in the administration of CERCLA. As a result of the implementation of the Superfund Amendments and Reauthorization Act of 1986 (SARA), the U.S. Navy has dropped NACIP and adopted the EPA CERCLA/SARA procedures and terminology (U.S. Navy, 1988; Naval Operations, Chief, 1988).

Responsibility for the implementation and administration of the IR program has been assigned to the Navy Facilities Engineering Command (NAVFACENGCOM). The Western Division (WESTDIV) of NAVFACENGCOM has responsibility for the western states. Engineering Field Activity, Northwest (EFA Northwest) has responsibility for investigations of NAS Whidbey Island and other Naval installations in the Pacific Northwest and Alaska.

In February 1990 NAS Whidbey Island's Ault field was listed as a Superfund Site on the EPA's National Priorities List (NPL). As a result of the listing, pursuant to a Federal Facility Agreement (FFA) signed by the Navy, EPA and Ecology, in September 1990, the Navy is conducting a Remedial Investigation/Feasibility Study (RI/FS) to determine the nature and extent of soil and ground water contamination, and to evaluate alternatives for the cleanup of contaminated areas.

Previous Investigations at NAS Whidbey Island

The Navy conducted an Initial Assessment Study (IAS) at NAS Whidbey Island under the NACIP program (U.S. Navy, 1984). The IAS, consisting primarily of a records search, was completed in September 1984. A more focused follow-up investigation and report, NAS Whidbey Island Current Situation Report (CSR), was completed in January 1988. The CSR describes the results of an investigation of water, soil, marine animals, and marine sediments on and adjacent to NAS Whidbey Island sites. After the CSR was completed, further investigations were proposed for areas where contamination was verified and where unverified conditions indicated further investigations were appropriate.

While the CSR was being prepared, EPA Region 10 performed preliminary assessments at NAS Whidbey Island's Ault Field and the Seaplane Base to evaluate risks to public health and the environment using the Hazard Ranking System (HRS). The HRS provides a methodology to score sites based on a number of factors including proximity to surface and ground water, past site activities, types of pollutants on a site, and potential threat to the public and environment.

In late 1985, the EPA proposed that Ault Field and the Seaplane Base be nominated to the NPL. In February 1990, these sites were officially listed on the NPL. EPA's inclusion of Ault Field and the Seaplane Base sites on the NPL is based on the number of waste disposal and spill sites discovered, types and quantities of hazardous constituents (such as petroleum products, solvents, paints, thinners, jet fuel, pesticides, and other wastes), and the potential for domestic wells and local shellfish beds to be impacted from wastes originating from the station.

During March 1988, the Navy evaluated the IAS and CSR documents, and records of waste management practices at NAS Whidbey Island. Based on the evaluation, the Navy determined that 44 areas (all areas recommended by previous studies, those evaluated by EPA during HRS scoring, and five additional areas) would be included in the NAS Whidbey Island investigation under the Navy IR program.

In the summer of 1989, prior to beginning remedial investigation field efforts, an accelerated Initial Investigation of Area 6 was performed (Martin Marietta, 1989). The investigation at this location assessed whether ground water contamination was present and if users of ground water in the vicinity were or could be impacted. Although ground water contamination was confirmed, current ground water users were not impacted. A Technical Memorandum (Martin Marietta, 1990a) describes the investigation and results. Based on the Initial Investigation, an Action Plan for the Remedial Investigation/Feasibility Study was developed in 1990 (Martin Marietta, 1990b).

In 1989, as part of a statewide program to monitor the quality of drinking water supplies, the Washington Department of Health tested 13 public wells located in a one-mile radius around the Area 6 and the Oak Harbor landfills. No organic compounds were found. Results indicated that the drinking water supplies were not impacted.

In early 1991, during the RI/FS investigation, ground water sampling results indicated that vinyl chloride concentrations exceeded Maximum Contaminant Levels for drinking water (MCLs) and that contamination may have migrated offsite. As a result, in May, 1991, the Navy called upon the Department of Health to sample one public and six private wells in the vicinity of Area 6. These wells are located to the south, east, and southwest of the current landfill boundary. No evidence of contamination from Area 6 was detected in these seven wells. Nevertheless, the Navy began a program of voluntary water hook-ups for those land owners potentially affected.

4.0 COMMUNITY RELATIONS

A more detailed discussion of the site contamination is presented in the "Work Plan for Operable Unit No. 1 Naval Air Station Whidbey Island" (CTO-0005) February 1, 1991. These documents are available for public review at the information repositories listed below. The specific requirements for public participation pursuant to CERCLA section 117(a), as amended by SARA, include releasing the Proposed Plan to the public. This was done on January 3, 1992. Those landowners included in the water hookup program were sent special mailings informing them of the Proposed Plan. The Proposed Plan was placed in the Administrative Record and information repositories. Attachment B presents the Administrative Record Index.

Information Repositories;

Oak Harbor Library
3075 300th Avenue West
Oak Harbor, Washington 98278
Phone: (206) 675-5115

NAS Whidbey Island Library
Building 103
Oak Harbor, Washington 98278
Phone: (206) 257-2702

Sno-Isle Regional Library System
Coupeville Library
788 N. W. Alexander
Coupeville, Washington 98239
Phone: (206) 678-4911

The Administrative Record is on file at:

Engineering Field Activity Northwest
Naval Facilities Engineering Command
3505 N.W. Anderson Hill Road
Silverdale, Washington 98383-9130
Phone: (206) 476-5775

Notice of the availability of the proposed plan, notice of a public meeting to discuss the proposed plan, and the public comment period was published in the Whidbey News Times on January 01, 1992. A public meeting was held on January 27, 1992.

A total of 4 comments were received by the Navy concerning the proposed plan. The comments are summarized and responses presented in the Responsiveness Summary, Attachment A.

Community relations activities have established communication between the citizens living near the site, the Navy, EPA, and Ecology. Discussion between the different groups for informational purposes and suggestions on the project has been open. The actions taken to satisfy the statutory requirements also provided a forum for citizen involvement and input to the interim action decision.

Community relations activities at the site include:

- Creation of a Community Relations Plan;
- Technical Review Committee meetings with representatives from the public and other governmental agencies;
- Meetings with nearby property owners to discuss the water hookup program;
- Issuance of the Proposed Plan in fact sheet format to facilitate discussion;
- Future public meetings to present information related to the RI/FS activities at the site;
- Fact sheets to provide updates on the work being performed and major findings at all operable units.

5.0 SCOPE AND ROLE OF OPERABLE UNITS

Area 6 along with the Area 5 landfill comprise Operable Unit 1. There are three operable units at NAS Whidbey Island, Ault Field. Operable unit 1 is geographically separate from the other units.

The Interim Remedial Action is being taken to prevent the continued spread of contaminants in the shallow aquifer beneath Area 6, reduce the risk of impact to existing and future ground water users, and initiate a strategy that is, to the extent possible, consistent with future actions including the final remedy. This action addresses only containment of contaminated ground water. The final remedy will address both ground water and soil contamination. The final ground water remedy will likely include containment, treatment and disposal components similar to those proposed here.

6.0 SUMMARY OF SITE CHARACTERISTICS

6.1 Physical Conditions

The ground water system beneath Operable Unit 1, consisting of a shallow unconfined aquifer and intermediate and deep confined aquifers, was investigated. In addition to the three major ground water units, three independent perched aquifers have been identified in the vicinity of Monitoring Wells H-1-2s, MW-3A, and 6-S-18. These local perched aquifers, with water table elevations ranging from 109 to 157 feet above MSL (approximately 20 to 30 feet below the ground surface) lie above silt, silty sand, and till and occupy gravelly sands of the Upper Advance Outwash and part of the Vashon till. The unconfined shallow aquifer with a water table elevation of 78 to 91 feet above MSL, occurs within sands of the Lower Advance Outwash as well as the upper sandy portion of Unit 1 of the Whidbey Formation. With a water table elevation of 66 to 76 feet above MSL, the confined intermediate aquifer consists of the silty sands of the Whidbey Formation Unit 2. The confined deep aquifer, or sea level aquifer, with a water table elevation of 13.5 to 13.7 feet above MSL, occupies sands with some silt within Unit 4 of the Whidbey Formation. The shallow aquifer is substantially above and not believed to be hydraulically connected to the deep aquifer.

The ground water flow direction in the shallow aquifer is gently arcuate from south-southwest in the northern part of Area 6 to due south in the central part of the site to south-southeast in the south and under the Oak Harbor Landfill. The flow velocity in the shallow aquifer is estimated to be between 92 and 456 feet per year. Flow direction in the shallow aquifer at Area 5 is generally northwest. Therefore, a local ground water divide appears to exist generally beneath Ault Field Road. The ground water gradient in the shallow aquifer across Operable Unit 1 ranges from 0.0016 to 0.0038 feet/foot and is not effected by seasonal changes. Although the spatial distribution of the wells in the intermediate aquifer is not conducive to the determination of a ground water gradient, the direction of flow seems to be northeast. The flow velocity in the intermediate aquifer is estimated to be between 8 and 27 feet per year. Ground water in the deep aquifer flows uniformly southeast under Area 6, although the gradient appears to increase slightly in the downgradient direction. The gradient across the site is very low and averages 0.00037 feet/foot. The flow velocity in the deep aquifer is estimated to be between 0.04 and 5 feet per year.

Rising head slug test data analyzed using the Hvorslev method was used to calculate hydraulic conductivities for the aquifers. The estimated hydraulic conductivities in the unconfined aquifer range from 0.0019 to 0.0028 cm/s in Area 5 and from 0.0007 to 0.0024 cm/s in Area 6. Also in Area 6, the estimated hydraulic conductivities range from 0.0002 to 0.0007 cm/s in the intermediate aquifer and from 0.0008 to 0.0027 cm/s in the deep aquifer.

6.2 Contaminant Characteristics

Preliminary findings of the remedial investigation at the Area 6 landfill include:

- Contamination was found in the soil and ground water at Area 6. The main source of the contaminants appears to be the former hazardous waste storage area. Primary contaminants of concern in the shallow aquifer appear to be chlorinated solvents. The highest reported concentrations of chlorinated solvents as measured in soil gas were located approximately 300 feet northwest of the former hazardous waste storage area. In some instances, concentrations of total solvents in the vapor phase approach 104,000 parts per billion (ppb). Analysis of soils revealed concentrations of solvents approaching 1400 $\mu\text{g/kg}$ located one foot below the surface at well location 6-I-4.
- The contaminants include known and suspected human carcinogens which have been found to be mobile in ground water systems.
- Contamination of the ground water in the shallow aquifer beneath Area 6 was confirmed. Chlorinated solvent concentrations of over 2,000 $\mu\text{g/L}$ were detected. Elevated levels of contamination appear limited to the shallow aquifer.
- Preliminary findings suggest that chlorinated solvent contaminants have migrated off of the NAS Whidbey Island property along the western boundary of the Area 6 landfill. The lateral extent of the soil gas contamination appears to be limited to approximately 500 feet outside of the northwestern landfill boundary, directly west of the former hazardous waste storage area. No domestic or other water supply wells are affected at this time and none appear to have any imminent threat.

7.0 SUMMARY OF SITE RISKS

The continued movement of contaminants already in the ground water currently poses the most significant human health risk at the site. This ground water could potentially affect domestic water supplies.

Before a clear understanding of the health risks posed by Area 6 can be determined, more information must be collected and a quantitative health Risk Assessment must be performed. The Risk Assessment will be conducted during the ongoing RI/FS. Based on existing data, chlorinated solvents and degradation products have been detected in the ground water and are considered to pose the most significant risk. Contaminants detected include, but are not limited to, TCE, trichloroethane, dichloroethene, dichloroethane, and vinyl chloride. The vinyl chloride concentration is above the MCL established by the EPA for protection of drinking water aquifers. In addition, chromium, arsenic and lead have been detected. The detected contaminants are likely to spread if no action is taken.

Contaminants have consistently been observed beneath the former hazardous waste storage area in the shallow aquifer. Existing data indicate that TCE is present in the ground water as far as 1600 feet to the south of Area 6, although the actual boundary of the contamination is uncertain.

8.0 DESCRIPTION OF INTERIM ACTION ALTERNATIVES

This action is being taken because there is a release into the environment and there is a threat to human health. The purpose of this interim action alternative evaluation is to choose a method of treatment that will prevent the further spread of solvents in the shallow aquifer. Alternatives were evaluated using a streamlined selection technique that followed published EPA guidance. Additional information on the alternatives is available in "Technical Memorandum" dated December 27, 1991 which is available at the information repositories listed above. A total of four alternatives were evaluated in detail for possible implementation at Area 6:

- Alternative 1 - No Action (Required for comparison purposes)
- Alternative 2 - Ground Water Extraction with Treatment by Ultraviolet/Oxidation
- Alternative 3 - Ground Water Extraction with Treatment by Air Stripping
- Alternative 4 - Ground Water Diversion by an Upgradient Subsurface Barrier

The volume of ground water with a trichloroethene concentration above 5 parts per billion (ppb) has been chosen to define the portion of the plume which will be captured by this interim action. This is not a cleanup standard; standards will be established as part of the RI/FS process. However, it is believed that this capture zone will effectively include the other contaminants of concern and was selected because it provides a readily measurable target value. The plume boundary will be updated as new information from the ongoing RI/FS becomes available.

For all alternatives, a three year operation was assumed for comparison purposes. Costs are calculated using net present worth analysis.

8.1 Alternative 1 - No Action

This alternative is included for evaluation purposes. It is comprised of continued monitoring of the ground water and does not contain any active measures to reduce the migration of the contaminant plume or to reduce the threat to public health or the environment. Alternative 1 would require only quarterly sampling and analysis costs.

Capital Cost:	\$ 0
3-Year Operations and Maintenance Costs	\$ <u>250,000</u>
Total Estimated Cost	\$ 250,000

8.2 Alternative 2 - Ground Water Extraction with treatment by Ultraviolet/Oxidation

This alternative would pump ground water from the shallow aquifer beneath the landfill by the use of multiple extraction wells. The extracted water will be treated onsite using ultraviolet light and chemical oxidation (UV/oxidation). The ground water wells would be arranged so that they intercept the contaminant plume, halting the spread of the plume and capturing ground water that has concentrations of TCE in excess of 5 ppb. The capture zone of the three proposed wells is displayed on Figure 3. Ground water computer modeling indicates that a combined pumping rate of approximately 450 gallons per minute is sufficient to prevent the spread of the contaminants. The effects of pumping at this rate on neighboring wells is not known at this time.

UV/oxidation treatment is a proven method of destroying organic chemicals in water. In this technique the contaminated water is pumped into a reaction tank where it is exposed to ultraviolet light and an oxidizing agent such as hydrogen peroxide. The UV light acts to increase the effectiveness of the oxidation reaction which converts the organic waste into carbon-dioxide, chloride salts and water. The treatment units are electrically powered and require minimal field installation work. A pre-treatment system is required to remove minerals and metals (e.g., iron, sodium, manganese) from the water which would reduce the effectiveness of the treatment system. The treated water will be discharged to the land surface through an irrigation and reinjection system to recharge the shallow aquifer upgradient of the former hazardous waste storage area. The selection of an upgradient recharge area is to assist in the flushing action on the contaminants and to create a hydraulic barrier to the inflow of new ground water. The treated water, air emissions and solid residues will be discharged or disposed of in accordance with applicable federal and state requirements.

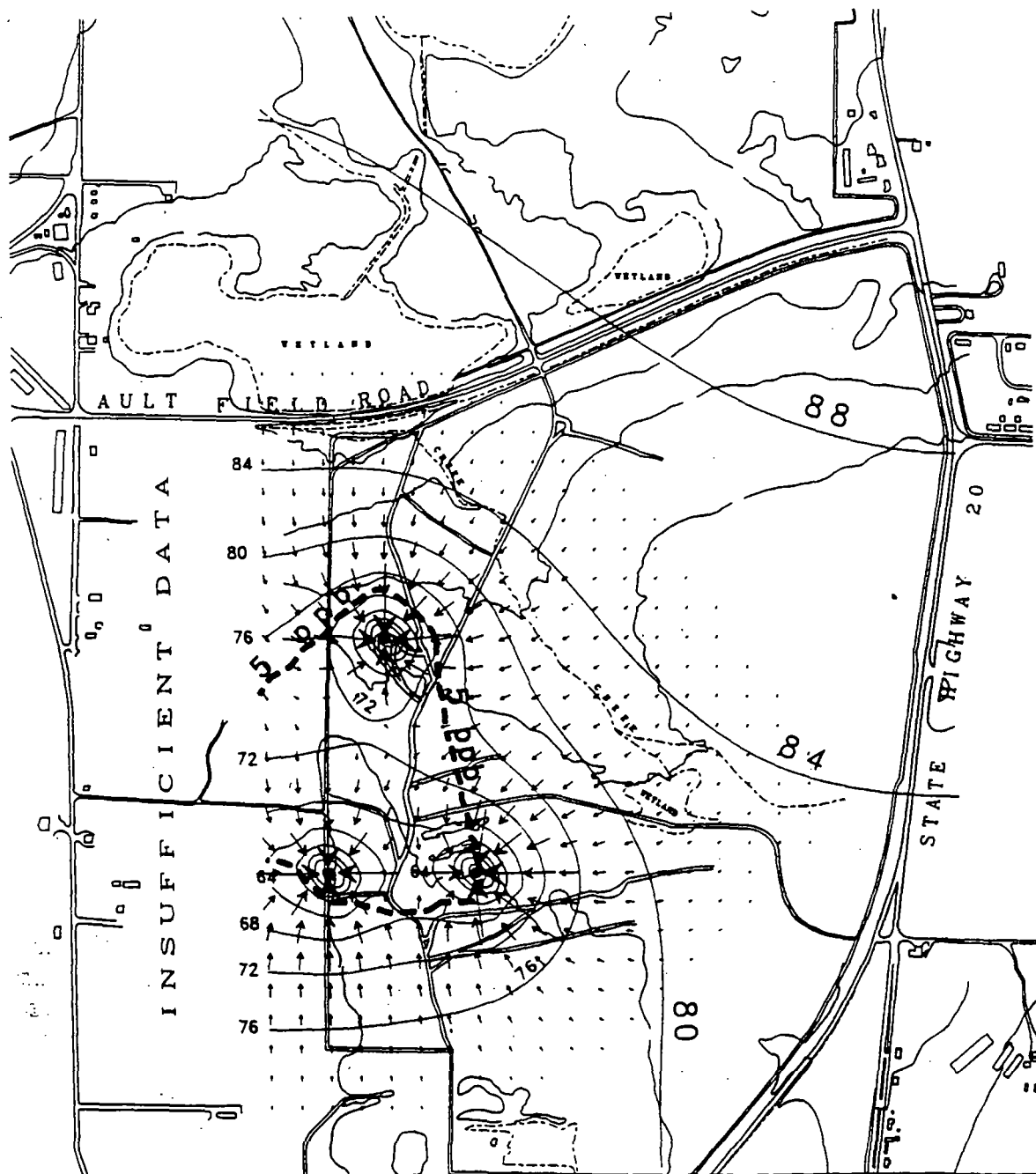
Capital Cost:	
Extraction Well Field and Piping	\$ 219,700
UV/Oxidation System	\$ 1,740,000
Pre-treatment System	\$ 400,000
Treated Water Discharge System	\$ 50,000
Engineering & Contingency	\$ 428,000

3-Year Operations and Maintenance Cost:	
Monitoring and Site Maintenance	\$ 250,000
Extraction System	\$ 60,000
Pre-treatment System	\$ 250,000
UV/Oxidation System	\$ <u>512,500</u>
Total Estimated Cost	\$ 3,910,200

8.3 Alternative 3 - Ground Water Extraction with Treatment by Air Stripping

This alternative utilizes the same extraction system as Alternative 2 but treats the water using an air stripper in place of the UV/Oxidation system. In an air stripper, contaminated water is pumped to the top of a tower (2-20+ feet in height and 1-10 feet in diameter) where it is sprayed on a bed of packing material (PVC, polypropylene, or ceramic in various shapes and sizes). As the water trickles downward,

Figure 3 - Ground Water Capture Plume Map



PREDICTED GROUND WATER FLOW, Whidbey Island, Area 6
RESULTING FROM WITHDRAWAL OF 150 GPM. FROM 3 WELLS

- Ground water surface elevations
- - - Ground water contaminant concentration isopleth
- PROPOSED EXTRACTION WELL LOCATION

0 500 1000 FT.

GROUND WATER FLOW VECTOR
ARROW SIZE PROPORTIONAL TO GW FLOW RATE

a fan provides a flow of fresh air up through the packing material to enhance the evaporation of organics from the water. The volatile contaminants are transferred from the ground water to the air. The air will be passed through pollution control equipment as required to capture the contaminants for subsequent treatment, recycle, or destruction.

Air stripping is a proven, effective, and reliable means of removing volatile organic compounds from water. The treatment units are electrically operated and require minimal field installation work. A pre-treatment system as discussed in Alternative 2 would be required. The treated water will be discharged to the land surface through an irrigation and reinjection system to recharge the shallow aquifer to the north of the former hazardous waste storage area. The solid residues will be discharged or disposed of in accordance with applicable federal and state requirements. The air pollution control technology is assumed to be activated carbon, although the actual technology will be determined during the design phase based on applicable regulations.

Capital Cost:

Extraction Well Field and Piping	\$	219,700
Air Stripper System	\$	120,000
Pre-treatment System	\$	400,000
Air Pollution Control System	\$	65,000
Treated Water Discharge System	\$	50,000
Engineering and Contingency	\$	117,000

3-Year Operations and Maintenance Cost:

Monitoring and Site Maintenance	\$	250,000
Extraction System	\$	60,000
Pre-treatment System	\$	250,000
Stripper System	\$	70,000
Air Pollution Control System	\$	<u>600,000</u>
Total Estimated Cost	\$	2,201,700

8.4 Alternative 4 - Ground Water Diversion by an Upgradient Subsurface Barrier

This alternative is comprised of an impermeable slurry wall constructed below the ground surface to divert the flow of upgradient ground water around the former hazardous waste storage area of the landfill. A slurry wall is constructed by excavating a three- to four-foot wide trench from the surface to the bottom of the contaminated aquifer, a depth of approximately 120 feet. A slurry is used to provide structural stability during trenching. Soil and clay materials (bentonite) displace the slurry and form the low permeability barrier. In this alternative, contaminated ground water is not collected or treated; instead, it is a containment action where uncontaminated ground water is diverted around the suspected source. The migration of the contaminant plume is hindered by the reduction in the quantity of ground water entering the plume - not from active pumping as in alternatives 2 and 3. Maintenance requirements of the wall are minimal, requiring only quarterly inspections for integrity and surface conditions and for ground water sampling.

Capital Cost:

Soil/Bentonite Slurry Wall (1000 ft)	\$	1,950,000
Engineering and Contingency	\$	370,000

Operations and Maintenance Cost:

Monitoring	\$ 250,000
Maintenance	\$ 50,000
Total Estimated Cost	\$ 2,620,000

9.0 SUMMARY OF COMPARATIVE ANALYSIS OF ALTERNATIVES

The National Contingency Plan lists nine criteria for the evaluation of remedial alternatives. These criteria are described below as they apply to an interim action. The first two listed criteria represent threshold criteria that must be met by the interim action alternative. The four interim action alternatives were evaluated against these criteria to select a remedy.

Overall Protection of Human Health and the Environment - There are wells in the vicinity of the contaminated plume that could be a pathway to human or environmental exposures. Therefore, the objective of this interim action is to contain the migration of the contaminant plume, treat it to the extent practicable in keeping with the ultimate remedial goals and monitor the ground water to ensure that populations are not being exposed. The alternatives were evaluated for their ability to meet this objective.

Alternative 1, No Action does not provide protection to health or the environment and does not halt the migration of the contamination. Alternatives 2 and 3 are protective of human health and the environment and are able to meet the objectives established for this action. Both alternatives effectively halt the spread of the contaminated ground water and provide onsite treatment of the captured water and do not negatively impact the recharge capacity of the area. Alternative 4 provides some protection by slowing the spread of the plume but would not stop it. It also would not remove any contamination from the ground water.

Compliance with Federal and State Regulations - The purpose of the Interim Remedial Action is to contain or isolate contaminated ground water in the shallow aquifer so as to minimize further migration of contaminants from the site until the final remedy is implemented. This interim action is neither intended to restore the aquifer to drinking water conditions nor to attain all federal and state ARARs relating to cleanup of the aquifer. The Navy, EPA, and Ecology expect that such ARARs will be addressed by the final remedy to be selected for the site.

The ARARs for this interim remedy relate to the treatment and disposal of groundwater that is extracted and treated during implementation of the interim remedial action and for products resulting from the treatment.

Alternatives 2 and 3 include discharge of treated ground water back into the shallow aquifer. Because the treated ground water will be returned to the aquifer, the ground water cleanup standards established under the Model Toxics Control Act, WAC 173-340-720, are relevant and appropriate chemical-specific treatment standards. Requirements of the State Underground Injection Control Program, WAC 173-218, are applicable action-specific standards for the design of the injection wells (if specified).

Air emissions from the treatment process, if any, will be required to meet state ARARs for total and toxic air emissions, WAC 173-400.

Solid residues from the treatment processes of alternatives 2 and 3 will be required to meet both federal and state ARARs for hazardous, dangerous or non-hazardous waste as appropriate. Requirements of State

Dangerous Waste Regulations, WAC 173-303, may be a relevant and appropriate action-specific ARAR depending on the nature of the solid residues.

Alternatives 2 and 3 would be required to meet air, water and solid residue discharge ARARs. Alternatives 1 and 4 would not be required to meet these standards.

Long Term Effectiveness and Permanence - Although implemented under an Interim Remedial Action, Alternatives 2 and 3 would permanently decrease the mobility, toxicity, and volume of ground water contamination.

The final ground water remedy for the site may require ground water cleanup to levels below the interim action ground water containment level under alternatives 2 and 3. The interim action containment level however does encompass the bulk of the mass of contamination.

Alternative 2 and 3 include discharge of the treated ground water back into the aquifer. The water will be treated to meet ARARs. The effectiveness of the treatment will be monitored during operation to minimize the potential for disposal of water out of compliance with treatment criteria. The solid residue will be disposed of at an off-site facility in accordance with the EPA Off-Site Disposal Policy (OSWER Directive 9834.11, November 13, 1987).

Alternative 4 will require a major construction phase to install the subsurface barrier prior to controlling further migration. Its effectiveness is highly dependent upon site conditions and the quality of construction. The effectiveness of Alternative 4 would be limited by leakage, especially at the bottom of the barrier.

Reduction of Toxicity, Mobility, or Volume through Treatment - Alternatives 2 and 3 would effectively reduce the toxicity, mobility and volume of contaminants in the ground water through treatment. Contaminants would be removed from the extracted ground water or destroyed using proven treatment technology. Alternative 4 requires no treatment and does not result in a reduction in volume or toxicity. Alternative 1 does not meet these criteria.

Short-term Effectiveness - Alternative 1 has no short-term effectiveness. Alternatives 2 and 3 can be constructed with little or no disruptive effect on the immediate area. Air emissions, water and solid residual disposal will be regulated by ARARs. The effects of ground water pumping on other operational wells is unknown at this time. The treatment equipment is readily available and can be designed and installed in less than one year with little or no impact to human health or the environment. The construction of a subsurface barrier, Alternative 4, is more substantial and potentially disruptive to the environment but can also be designed and constructed in a one year time period.

Implementability - Alternatives 2, 3 and 4 utilize proven technologies in the remediation field and could be readily implemented. The treatment plants for alternatives 2 and 3 would be manufactured off-site and trucked to the site for assembly. The location and number of extraction wells can be readily modified as new information becomes available. The subsurface barrier (Alternative 4) would require a substantial design and construction effort that, once constructed, could not be readily modified as new data become available.

Cost - Alternative 1 has minimal costs and is the least expensive. However, because it does not contain or reduce the spread of contamination, the long-term remediation of the site may be substantially more expensive. Alternative 2, extraction with UV/Oxidation, has an estimated cost of \$3,910,200. Alternative 3, extraction with air stripping, has the lowest 3-year cost of \$2,201,700. The cost of Alternative 4 is estimated at \$2,620,000.

State Acceptance - The State of Washington concurs with the selected interim remedial action and comments from Ecology have been incorporated into this Record of Decision.

Community Acceptance - Based on comments received during the public comment period the public accepts the selected remedy as described in the attached Responsiveness Summary (Appendix A). The major concern was the impact on regional ground water supplies. The selected treated water disposal method, recharge of the shallow aquifer with the treated water, should limit the potential impact to the regional water supply and help protect the availability and quality of ground water.

10.0 SELECTED REMEDY

The selected interim remedial action for this Operable Unit is Alternative 3, Ground Water Extraction with Air Stripping. This remedy calls for the design and implementation of an interim remedial action to protect human health and the environment. The goal of this remedial action is to halt the spread of the contaminant plume. The ultimate level of remediation to be attained will be determined in a final remedy for Area 6.

Alternative No. 3 is composed of the following key recovery and process units:

- Ground water extraction wells in the shallow aquifer to restrict the spread of the contaminated ground water and capture ground water in areas that have TCE concentrations of 5 ppb or greater
- Treating the extracted ground water using an air stripper system constructed on Area 6
- The treated water disposal system will be designed according to, state and federal requirements and will employ irrigation, reinjection or a combination of both into the shallow aquifer
- Air emissions and residual disposal will meet state and federal requirements
- Continued monitoring of the ground water and the treated water to measure the effectiveness of the interim action.

10.1 Feasibility of Ground Water Extraction

A ground water model was used to evaluate ground water extraction rates and the effectiveness of the extraction system for containing ground water with TCE concentrations greater than 5 µg/L.

The results of the modelling demonstrated that the contaminant plume could be contained by pumping at a rate of approximately 150 gallons per minute from each of three extraction wells. In the baseline case the model exhibited close agreement between measured and modeled concentrations at wells spanning the length of the plume. Concentration contours at the southernmost boundary of the monitored area was approximately 30-55 ppb. Additional monitoring well data from the west may be desirable to substantiate the plume boundary in that direction.

10.2 Selection of Containment Level for Trichloroethene in Ground Water

This interim action is designed to minimize further migration of ground water contamination. Because this interim action should also be consistent with the final remedy, the containment level needs to consider minimum (threshold) action levels as outlined in applicable guidance but does not represent an ARAR cleanup level.

The volume of ground water with a trichloroethene concentration above 5 parts per billion (ppb) has been chosen to define the portion of the plume which will be captured by this interim action. This is not a cleanup standard; standards will be established as part of the RI/FS process. However, it is believed that this capture zone will effectively include the other contaminants of concern and was selected because it provides a readily measurable target value. The plume boundary will be updated as new information from the ongoing RI/FS becomes available.

10.3 Effectiveness of Treatment Technology

Air Stripping is the selected treatment process. It is a well proven technology for the extraction of organic contaminants from ground water. A pretreatment system, consisting of precipitation or green-sand filtration, will be installed before the air stripper to remove dissolved metals and suspended solids that might inhibit the operation of the air stripper or exceed discharge requirements. Residues from the pretreatment system will be disposed of in accordance with ARARs.

Offgases from the air stripper will contain the removed volatile organic compounds. Prior to discharge to the atmosphere, the gases will be passed through an air pollution control device consisting of a bed of activated carbon. The spent carbon will be recycled, reused or disposed of in accordance with ARARs. Additional ground water sampling will be performed during the design phase of the interim action to determine if the quantity of extracted vinyl chloride in the offgases would exceed that which could be economically removed by activated carbon. In this event an alternative air pollution control method, such as catalytic incineration, may be necessary.

10.4 Treated Water Disposal

The selected discharge method for the treated water is to recharge the shallow aquifer upgradient of the former hazardous waste storage area. This will be accomplished through the use of spray irrigation, infiltration or reinjection wells or a combination of both. The treated ground water will meet ARARs prior to discharge. Due to the close proximity to the approach to one of the main runways of the Air Station, ponding will be avoided.

Recharge is a proven cost-effective method for disposing of treated water. The benefits of this disposal method include minimizing depletion of the ground water in the area and the creation of a hydraulic barrier to the inflow of clean ground water into the contaminated area.

11.0 STATUTORY DETERMINATION

The selected alternative for interim remedial action is protective of human health and the environment. It meets ARARs within the limited scope of the action and is cost effective. The preferred alternative is consistent with the statutory mandate for treatment to the maximum extent practicable. It represents the best balance of trade-offs among the alternatives with respect to pertinent criteria given the limited scope of the action. Because this is an interim action, review of this remedy will be ongoing as the Navy continues to develop final remedial alternatives for the site.

11.1 Protection of Human Health and the Environment

The selected Interim Remedial Action will protect human health and the environment by minimizing through treatment the further spread of contaminants in the ground water, thereby reducing the threat to drinking water supplies located beyond the current site boundaries. The treatment of the extracted contaminants will be to a level that meet ARARs and is protective of human health and the environment. The contaminants will be permanently removed from the ground water through the treatment process which includes air stripping. As necessary, pretreatment and post-treatment processing will be employed to assure the disposed water and treatment residues do not constitute an unacceptable risk to human health or the environment.

11.2 Compliance with Applicable or Relevant and Appropriate Requirements

The selected remedy will comply with all applicable or relevant and appropriate chemical-, action- and location-specific requirements (ARARs). The ARARs are presented below.

11.2.1 Action-Specific ARARs

- Requirements of the State of Washington for water well construction as set forth in Chapter 18.104 RCW (Water Well Construction) and codified in Chapter 173-160 WAC (Minimum Standards for the Construction and Maintenance of Wells), establishes criteria for the construction and maintenance of extraction wells.
- Requirements of the State Underground Injection Control Program (Chapter 173-218 WAC) as approved under the Safe Drinking Water Act, establishes design standards for injection wells.
- State of Washington requirements for hazardous waste operations conducted at uncontrolled hazardous waste sites as set forth in WAC 296-62 (Part P), establishes safe operating procedures.
- Federal Clean Water Act requirements for design standards for waste water treatment plants (40 CFR 122).
- Water Pollution Control Act (Chapter 90.48 RCW) and the Water Resources Act of 1971 (Chapter 90.54 RCW) require the use of all known and reasonable methods for controlling discharges to surface and ground waters.
- State of Washington requirements for fugitive emissions, WAC 173-400-040, establishes standards for material handling during construction and operation.

- The State of Washington Dangerous Waste Regulations, WAC 173-303, establishes standards for the handling, storage and disposal of solid wastes. Disposal of treatment plant process residues (filter cake) may also be regulated by the Federal Hazardous and Solid Waste Amendments (1984), which prohibits the land disposal of hazardous wastes unless certain land disposal standards are met (40 CFR 268). This residue may require disposal at an approved hazardous waste disposal site. Testing of the residue is required to determine the proper disposal method.
- Emission Standards for Hazardous Air Pollutants, WAC 173-400-074, establishes emission standards for vinyl chloride and other hazardous air pollutants.

11.2.2 Chemical-Specific ARARs

Ground water extraction/treatment activities will meet the following chemical-specific ARARs:

- Because the treated water will be returned to the shallow aquifer beneath Area 6, the standards established under the Model Toxics Control Act (WAC 173-340-720) or the maximum contaminant level as established by the Safe Drinking Water Act (40 CFR 141, 142, 143) are relevant and appropriate for this discharge. These standards are summarized in Table 1.

Table 1

Summary of Treatment Standards (ARARs) for Area 6
NAS Whidbey Island Interim Remedial Action

Compound	Summary of Treatment Standards for Ground Water (µg/L)			
	SDWA MCLs ¹	SDWA MCLGs ²	MTCA ³	Selected Treatment Standard
Trichloroethene	5	0	4	4
1,1,1-Trichloroethane	200	200	720	200
1,1-Dichloroethane	-	-	0.5	0.5
1,1-Dichloroethene	7	7	0.07	0.07
1,2-Dichloroethene	70	70	80 ⁴	70
Vinyl Chloride	2	0	0.02	0.02
Carbon Tetrachloride	5	0	0.3	0.3
Chromium	100	100	80 ⁵	80
Lead	15	0	5 ⁶	5

- Notes:
- 1 Safe Drinking Water Act - Maximum Contaminant Level
 - 2 Safe Drinking Water Act - Maximum Contaminant Level Goal
 - 3 Washington Model Toxics Control Act; WAC-340-720; Method B levels
 - 4 Cis isomer value assumed
 - 5 Hexavalent value assumed
 - 6 MTCA Method A Value

11.2.3 Location-Specific ARARs

- There is a seasonal wetlands on the Area 6 landfill, therefore the Wetland Protection Act (Executive Order 11990, 40 CFR Part 6, Appendix A) is an ARAR.
- The Air Station is home to two Bald Eagles, therefore the Endangered Species Act (50 CFR 81) is relevant and appropriate to this action.

11.3 Cost Effectiveness

Both Alternative 2 and 3 meet the objectives of the interim action. However, the cost of Alternative 2 is significantly higher than Alternative 3, the selected remedy. The selected remedy is the most cost effective alternative because it protects human health and the environment, attains ARARs and meets the objectives established for the interim action in a way that is proportional to its cost. The selected remedy will achieve the objectives of the interim action for the least amount of money. While the cost of Alternative 1 is the lowest, it does not achieve the objectives of the interim action. The cost of Alternative 4 is only slightly higher than Alternative 3, however, there are concerns about the effectiveness of this alternative for the purposes of this interim action.

11.4 Utilization of Permanent Solutions and Alternative Treatment Technologies or Resource Recovery Technologies to the Maximum Extent Practicable

Although the selected interim remedial action has certain features of a permanent solution due to its use of a treatment technology, this is a limited scope action and is not intended to provide a final remedy for this site. The minimization of further significant contaminant spread in the ground water through extraction and treatment will permanently reduce the toxicity, volume and mobility of contaminants by removing the contaminants from the water and collecting them on activated carbon for off site recycling or destruction. The treatment process for the extracted ground water will be designed to meet or exceed state and federal standards for the protection of human health and the environment prior to recharge.

11.5 Preference for Treatment as Principal Element

This action is being undertaken primarily to limit the spread of contaminants in the ground water in the shallow aquifer beneath Area 6. While this interim action does employ treatment, the statutory preference for remedies employing treatments which permanently and significantly reduce the toxicity, mobility or volume of the hazardous substances, pollutants, or contaminants as a principal element will be addressed fully in the final decision document for this operable unit.

12.0 DOCUMENTATION OF SIGNIFICANT CHANGES

The selected remedy is the preferred alternative presented in the Proposed Plan. There are no significant changes to the components of the preferred alternative except for the selection of upgradient recharge as the treated water disposal method.

The preferred alternative did not identify a disposal methodology for the treated ground water. The Navy recommended, and the EPA, Ecology and the public concurred, that the treated water should be used to recharge the shallow aquifer upgradient (north) of the former hazardous waste storage area. The selected technique is to utilize a spray irrigation/percolation system to accomplish the recharge.

Attachment A

RESPONSIVENESS SUMMARY

Attachment A

RESPONSIVENESS SUMMARY

This Responsiveness Summary addresses comments received from the public on the Proposed Interim Action Plan for Area 6. The comments were raised during the public comment period from January 3, 1992 to February 3, 1992 and at a public meeting held January 27, 1992, in Oak Harbor, Washington, at the Chief Petty Officers Club.

SUMMARY OF PUBLIC COMMENTS

A total of four comments were received by the Navy concerning the proposed plan. Two of these were discussed at the public meeting and two were submitted in writing during the public comment period.

The two areas of concern consistent among the comments is the effects on neighboring water supply wells and the need for monitoring during the interim action. These two primary areas of concern are grouped accordingly and addressed in this document.

Issue: The potential for the proposed action to have negative impacts on neighboring water wells either through seawater intrusion or through contaminant loading. There is concern that pumping of the shallow aquifer at a rate approaching 450 gallon per minute could drawdown offsite wells or could cause an increase in the seawater intrusion in some nearby wells.

Response: The effects of drawdown in offsite wells is not known at this time. However, the treated water discharge system will be designed to recharge the shallow aquifer beneath the site. There is general agreement that the selected treated water disposal system will help to alleviate possible ground water resource concerns. Regarding seawater intrusion, pumping will be from the shallow aquifer which is substantially above and not believed to be hydraulically connected to the seawater level aquifer. The public's concerns were taken into account in the selection of the remedy.

Issue: The effects of the interim action on water quality in offsite wells needs to be measured.

Response: The selected remedy incorporates quarterly monitoring of onsite and offsite wells as an integral part of the action. The monitoring will be designed to measure a number of parameters which will be used to assess the performance of the action and effects, if any, on neighboring wells. In the event offsite well monitoring indicates that the contamination level is increasing, the Navy, in consultation with EPA and Ecology, will re-evaluate the action and develop alternative strategies.

Responses to other comments submitted to the Navy are presented below.

Issue: Concern was raised that the source of the contamination was not being cleaned-up.

Response: This interim action is focused on the containment of a contaminant plume that has migrated with the ground water in the shallow aquifer. Source control measures for the entire operable unit, of which Area 6 is a part, will be considered in the final remedy, which will be selected in the fall of 1992.

Issue: It was suggested that treated water be discharged both downgradient of the former hazardous waste storage area as well as the selected upgradient discharge location to create a downgradient hydraulic barrier.

Response: Based upon the Navy's knowledge of the geology and hydrogeology, the upgradient recharge area is sufficient for the full treatment capacity of the interim action. There are no downgradient areas within the Navy's property that could be used as a recharge area. Offsite properties are not considered acceptable locations for this action.

Attachment B

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4/08/92

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NAS WHIDBEY
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ID #: 243

SUB-HEAD: 01.2 BACKGROUND

TITLE: NAVY ASSESSMENT AND CONTROL OF INSTALLATION POLLUTANTS
CONFIRMATION STUDY - VERIFICATION PHASE QA/QC PLAN

DATE: 9/86 # OF PAGES: 36 OPERABLE UNIT: 1
DOCUMENT NUMBER: 1.2-OU1-1 TYPE: REPORT T.O. ACTION:
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AUTHOR'S ORG: SCS ENGINEERS

ADDRESSEE: PACNORWESTBRO
ADDRESSEE'S ORG: NAVFACENGCOM, SILVERDALE, WASHINGTON

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SUB-HEAD: 01.2 BACKGROUND

TITLE: HEALTH AND SAFETY PLAN CONFIRMATION STUDY VERIFICATION PHASE

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DOCUMENT NUMBER: 1.2-OU1-2 TYPE: REPORT T.O. ACTION:
AUTHOR: SCS ENGINEERS
AUTHOR'S ORG: SCS ENGINEERS

ADDRESSEE:
ADDRESSEE'S ORG:

ID #: 246

SUB-HEAD: 01.2 BACKGROUND

TITLE: CONFIRMATION STUDY VERIFICATION PHASE PLAN OF ACTION FOR
SAMPLING AND ANALYSIS

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DOCUMENT NUMBER: 1.2-OU1-3 TYPE: REPORT T.O. ACTION:
AUTHOR: SCS ENGINEERS
AUTHOR'S ORG: SCS ENGINEERS

ADDRESSEE: PACNORWESTBRO
ADDRESSEE'S ORG: NAVFACENGCOM, SILVERDALE, WASHINGTON

ID #: 247

SUB-HEAD: 01.3 NOTIFICATION/SI/CERCLA

TITLE: NAVAL SHORE ACTIVITY DISPOSAL SITE FACT FORM

DATE: 4/20/83 # OF PAGES: 42 OPERABLE UNIT: 1
DOCUMENT NUMBER: 1.3-OU1-1 TYPE: REPORT T.O. ACTION:
AUTHOR: COMMANDING OFFICER, NAS WHIDBEY
AUTHOR'S ORG: NAS WHIDBEY

ADDRESSEE: NEESA (112N) PORT HUENEME, CA 93043
ADDRESSEE'S ORG: NEESA (112N) PORT HUENEME, CA 93043

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ENGINEERING FIELD ACTIVITY, NW
NAS WHIDBEY
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ID #: 248

SUB-HEAD: 01.4 PA REPORT
TITLE: INITIAL ASSESSMENT STUDY OF NAS WHIDBEY

DATE: 9/84 # OF PAGES: 270 OPERABLE UNIT: 1
DOCUMENT NUMBER: 1.4-OU1-1 TYPE: REPORT T.O. ACTION:
AUTHOR: SCS ENGINEERS
AUTHOR'S ORG: SCS ENGINEERS

ADDRESSEE: NAVY ASSESS & CONTROL OF INSTALLATION OF POLLUTANT
ADDRESSEE'S ORG: NAVAL ENERGY & ENVIRONMENTAL SUPPORT ACTIVITY

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SUB-HEAD: 01.5 SI REPORT
TITLE: ANALYSIS REPORT

DATE: 3/18/87 # OF PAGES: 49 OPERABLE UNIT: 1
DOCUMENT NUMBER: 1.5-OU1-1 TYPE: REPORT T.O. ACTION:
AUTHOR: AT AM TEST INC
AUTHOR'S ORG:

ADDRESSEE: SCS ENGINEERS
ADDRESSEE'S ORG:

ID #: 106

SUB-HEAD: 01.5 SI REPORT
TITLE: CURRENT SITUATION REPORT

DATE: 1/88 # OF PAGES: 310 OPERABLE UNIT: 1
DOCUMENT NUMBER: 1.5-OU1-2 TYPE: REPORT T.O. ACTION:
AUTHOR: SCS ENGINEERS
AUTHOR'S ORG:

ADDRESSEE: ENGINEERING FIELD ACTIVITY
ADDRESSEE'S ORG:

ID #: 251

SUB-HEAD: 01.5 SI REPORT
TITLE: COMMENTS ON SITE 6 INITIAL INVESTIGATION DRAFT TECHNICAL
MEMORANDUM

DATE: 1/8/90 # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 1.5-OU1-3 TYPE: LETTER T.O. ACTION:
AUTHOR: BOB GOODMAN
AUTHOR'S ORG: DEPARTMENT OF ECOLOGY

ADDRESSEE: LEO VASAITIS
ADDRESSEE'S ORG: EFA, NW

4/08/92

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ID #: 249

SUB-HEAD: 01.5 SI REPORT
TITLE: COMMENTS ON DRAFT FOR SITE 6 INITIAL LANDFILL INVESTIGATION
TECHNICAL MEMO

DATE: 1/23/90 # OF PAGES: 3 OPERABLE UNIT: 1
DOCUMENT NUMBER: 1.5-OU1-4 TYPE: LETTER T.O. ACTION:
AUTHOR: KATHY SOUDERS
AUTHOR'S ORG: NAS WHIDBEY

ADDRESSEE: COMMANDING OFFICER
ADDRESSEE'S ORG: EFA, NW

ID #: 250

SUB-HEAD: 01.5 SI REPORT
TITLE: COMMENTS ON SITE 6 INITIAL INVESTIGATION DRAFT TECHNICAL
MEMORANDUM

DATE: 1/26/90 # OF PAGES: 22 OPERABLE UNIT: 1
DOCUMENT NUMBER: 1.5-OU1-5 TYPE: LETTER T.O. ACTION:
AUTHOR: BUB LOISELLE
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 252

SUB-HEAD: 01.6 PREVIOUS O.U. INFORMATION
TITLE: TECHNICAL MEMORANDUM SITE 6 LANDFILL INITIAL INVESTIGATION
AT NAS WHIDBEY ISLAND, WASHINGTON

DATE: 9/28/89 # OF PAGES: 358 OPERABLE UNIT: 1
DOCUMENT NUMBER: 1.6-OU1-1 TYPE: REPORT T.O. ACTION:
AUTHOR: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION
AUTHOR'S ORG: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

ADDRESSEE: OFFICER-IN-CHARGE, NORTHWEST
ADDRESSEE'S ORG: EFA, NW

ID #: 255

SUB-HEAD: 01.7 ACTION PLAN
TITLE: COMMENTS ON DRAFT ACTION PLAN

DATE: 3/20/90 # OF PAGES: 2 OPERABLE UNIT: 1
DOCUMENT NUMBER: 1.7-OU1-1 TYPE: LETTER T.O. ACTION:
AUTHOR: BOB POSS
AUTHOR'S ORG: DEPARTMENT OF ECOLOGY

ADDRESSEE: PAT VASICEK
ADDRESSEE'S ORG: EFA, NW

4/08/92

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ID #: 256

SUB-HEAD: 01.7 ACTION PLAN
TITLE: COMMENTS ON DRAFT ACTION PLAN

DATE: 4/5/90 # OF PAGES: 4 OPERABLE UNIT: 1
DOCUMENT NUMBER: 1.7-OU1-2 TYPE: LETTER T.O. ACTION:
AUTHOR: BUB LOISELLE
AUTHOR'S ORG: ENIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 254

SUB-HEAD: 01.7 ACTION PLAN
TITLE: ACTION PLAN NAVAL AIR STATION WHIDBEY ISLAND OAK HARBOR, WA

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AUTHOR'S ORG: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

ADDRESSEE: ENGINEERING FIELD ACTIVITY, NORTHWEST
ADDRESSEE'S ORG: EFA, NW

ID #: 849

SUB-HEAD: 10.3 TECHNICAL REVIEW COMMITTEE
TITLE: TECHNICAL REVIEW MEETING MINUTES

DATE: 10/2/91 # OF PAGES: 8 OPERABLE UNIT: 1
DOCUMENT NUMBER: 10.3-OU1-1 TYPE: REPORT T.O. ACTION:
AUTHOR: COMMANDING OFFICER
AUTHOR'S ORG: NAVAL AIR STATION, WHIDBEY ISLAND

ADDRESSEE: COMMANDING OFFICER
ADDRESSEE'S ORG: EFA, NW

ID #: 1169

SUB-HEAD: 10.7 FACT SHEETS AND PRESS REL
TITLE: RESULTS OF SURVEYS AND SAMPLING ADJACENT TO NAVY LAND FILL
KNOWN

DATE: 5/28/91 # OF PAGES: 3 OPERABLE UNIT: 1
DOCUMENT NUMBER: 10.7-OU1-1 TYPE: NEWS RELEASE T.O. ACTION:
AUTHOR: PUBLIC AFFAIRS OFFICE
AUTHOR'S ORG: NAVAL AIR STATION WHIDBEY ISLAND

ADDRESSEE:
ADDRESSEE'S ORG:

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ID #: 822

SUB-HEAD: 02.1 CORRESPONDENCE

TITLE: SUBMITTAL OF DRAFT INTERIM ACTION PROPOSED PLAN FOR OUI

DATE: 11/25/91 # OF PAGES: 11 OPERABLE UNIT: 1
DOCUMENT NUMBER: 2.1-OUI-1 TYPE: LETTER & ENCLOSURE T.O. ACTION:
AUTHOR: KEVIN STIGILE
AUTHOR'S ORG: EFA, NW

ADDRESSEE: NANCY HARNEY/PAUL MARCHANT
ADDRESSEE'S ORG: EPA/WASHINGTON STATE DEPT OF ECOLOGY

ID #: 1150

SUB-HEAD: 02.1 CORRESPONDENCE

TITLE: COMMENTS ON DRAFT INTERIM ACTION RECORD OF DECISION:
OPERABLE UNIT 1

DATE: 3/6/92 # OF PAGES: 4 OPERABLE UNIT: 1
DOCUMENT NUMBER: 2.1-OUI-2 TYPE: LETTER T.O. ACTION:
AUTHOR: PAUL MARCHANT
AUTHOR'S ORG: DEPARTMENT OF ECOLOGY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 1151

SUB-HEAD: 02.1 CORRESPONDENCE

TITLE: COMMENTS ON DRAFT INTERIM ACTION ROD

DATE: 3/10/92 # OF PAGES: 25 OPERABLE UNIT: 1
DOCUMENT NUMBER: 2.1-OUI-3 TYPE: LETTER T.O. ACTION:
AUTHOR: NANCY HARNEY
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG, PAUL MARCHANT, K. SOUDERS, R. YUST
ADDRESSEE'S ORG: EFA, NW

ID #: 1152

SUB-HEAD: 02.5 EE/CA

TITLE: PROPOSED PLAN FOR INTERIM ACTION AT NAS WHIDBEY ISLAND

DATE: 12/27/91 # OF PAGES: 8 OPERABLE UNIT: 1
DOCUMENT NUMBER: 2.5-OUI-1 TYPE: LETTER & ATTACHMENT T.O. ACTION:
AUTHOR: ROBERT YUST
AUTHOR'S ORG: SAIC

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

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ID #: 1153

SUB-HEAD: 02.6 ACTION MEMORANDUM
TITLE: PROPOSED PLAN SUPERFUND INTERIM REMEDIAL ACTION AT AULT
FIELD AREA 6 LANDFILL

DATE: 1/3/92 # OF PAGES: 8 OPERABLE UNIT: 1
DOCUMENT NUMBER: 2.6-OU1-1 TYPE: NOTICE & INFORMAT T.O. ACTION:
AUTHOR:
AUTHOR'S ORG:

ADDRESSEE:
ADDRESSEE'S ORG:

ID #: 289

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: AREAS 5 & 6 INTERIM ACTION DRAFT TECHNICAL MEMORANDUM
COMMENTS

DATE: # OF PAGES: 2 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-1 TYPE: MEMO T.O. ACTION:
AUTHOR: MATT KLOPE
AUTHOR'S ORG: NAS WHIDBEY ISLAND, WASHINGTON

ADDRESSEE:
ADDRESSEE'S ORG:

ID #: 286

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: REQUEST FOR EXTENSION THE 30 DAY COMMENT PERIOD FOR THE
WHIDBEY ISLAND NAVAL AIR STATION MANAGEMENT PLAN, OPERABLE
UNIT A FOR AN ADDITIONAL 20 DAYS

DATE: 8/22/90 # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-10 TYPE: LETTER T.O. ACTION:
AUTHOR: BUB LOISELLE
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 287

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: SUSPENSION OF THE ENVIRONMENTAL COMPLIANCE GROUP OF SCIENCE
APPLICATIONS INTERNATIONAL CORPORATION (SAIC)

DATE: 9/26/90 # OF PAGES: 2 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-11 TYPE: LETTER T.O. ACTION:
AUTHOR: CHARLES E. FINDLEY
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY, HAZARDOUS WASTE DIVISION

ADDRESSEE: CAPT. DAVID WAGGONER
ADDRESSEE'S ORG: NAS WHIDBEY

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ID #: 291

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: COMMENTS ON OPERABLE UNIT #1 DRAFT MANAGEMENT PLANS

DATE: 10/1/90 # OF PAGES: 35 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OUI-12 TYPE: LETTER T.O. ACTION:
AUTHOR: BUB LOISELLE
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 292

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: ADDITONAL COMMENTS ON OPERABLE UNIT #1 DRAFT MANAGEMENT PLANS

DATE: 10/2/90 # OF PAGES: 4 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OUI-13 TYPE: LETTER T.O. ACTION:
AUTHOR: BUB LOISELLE
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 293

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: NAS WHIDBEY ISLAND IR PROGRAM COMMENT REGARDING DRAFT RI/FS STUDY OF OPERABLE UNIT A

DATE: 10/3/90 # OF PAGES: 4 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OUI-14 TYPE: LETTER T.O. ACTION:
AUTHOR: JOYE BONVOULOIR
AUTHOR'S ORG: ISLAND COUNTY HEALTH DEPARTMENT

ADDRESSEE: KATHY SOUDERS
ADDRESSEE'S ORG: NAS WHIDBEY ISLAND, WASHINGTON

ID #: 294

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: HUMAN HEALTH RISK ASSESSMENT COMMENT OPERABLE UNIT #1

DATE: 10/4/90 # OF PAGES: 3 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OUI-15 TYPE: LETTER T.O. ACTION:
AUTHOR: BARRY ROGOWSKI
AUTHOR'S ORG: WASHINGTON STATE DEPARTMENT OF ECOLOGY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

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ID #: 223

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: COMMENTS OF AREAS 5 & 6 DRAFT FIELD SAMPLING PLAN

DATE: 10/5/90 # OF PAGES: 4 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OUI-16 TYPE: REPORT T.O. ACTION:
AUTHOR: MR. PETER VOGLE
AUTHOR'S ORG: GROUND WATER MANAGEMENT COMMITTEE

ADDRESSEE:
ADDRESSEE'S ORG:

ID #: 267

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: TRANSMITTAL OF THE SEISMIC SURVEY EVALUATION

DATE: 10/19/90 # OF PAGES: 5 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OUI-17 TYPE: LETTER T.O. ACTION:
AUTHOR: DAVID E. MOHR, P.E. PROJECT COORDINATOR
AUTHOR'S ORG: URS

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 228

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: RESPONSE TO REGULATORY AGENCY REVIEW COMMENTS (RE: NOV 1990
AIR PATHWAY ANALYSIS WORK PLAN)

DATE: # OF PAGES: 8 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OUI-18 TYPE: COMMENTS T.O. ACTION:
AUTHOR:
AUTHOR'S ORG:

ADDRESSEE:
ADDRESSEE'S ORG:

ID #: 268

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: CONFIRMATION OF PHONE CONVERSATION 11/16/90 RE: AN
ADDITIONAL HYDROGEOLOGICAL ISSUE

DATE: 11/16/90 # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OUI-19 TYPE: LETTER T.O. ACTION:
AUTHOR: NANCY HARNEY
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

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ID #: 288

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: AREAS 5 & 6 DRAFT RI/FS PROJECT PLAN COMMENTS

DATE: # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-2 TYPE: MEMO T.O. ACTION:
AUTHOR: MATT KLOPE
AUTHOR'S ORG: NAS WHIDBEY ISLAND, WASHINGTON

ADDRESSEE:
ADDRESSEE'S ORG:

ID #: 269

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: REVIEW OF REQUEST FOR CONDITIONAL APPROVAL OF THE DRAFT
FINAL MANAGEMENT PLANS FOR O.U. A

DATE: 11/16/90 # OF PAGES: 3 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-20 TYPE: LETTER T.O. ACTION:
AUTHOR: BARRY ROGOWSKI
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 271

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: DISCUSSION CONFIRMATION

DATE: 12/5/90 # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-21 TYPE: LETTER T.O. ACTION:
AUTHOR: NANCY HARNEY
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 270

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: COMMENTS ON DRAFT FINAL MANAGEMENT PLANS

DATE: 12/14/90 # OF PAGES: 34 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-22 TYPE: LETTER T.O. ACTION:
AUTHOR: NANCY HARNEY
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

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ID #: 264

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: COMMENTS ON AIR PATHWAYS ANALYSIS WORK PLAN

DATE: 1/3/91 # OF PAGES: 3 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-23 TYPE: LETTER T.O. ACTION:
AUTHOR: BARRY ROGOWSKI
AUTHOR'S ORG: WASHINGTON STATE DEPARTMENT OF ECOLOGY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 263

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: TO CONFIRM PHONE CON ABOUT CHANGES IN REVIEW SCHEDULES

DATE: 1/3/91 # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-24 TYPE: LETTER T.O. ACTION:
AUTHOR: NANCY HARNEY
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 265

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: COMMENTS ON AIR PATHWAYS ANALYSIS WORK PLAN

DATE: 1/9/91 # OF PAGES: 8 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-25 TYPE: LETTER T.O. ACTION:
AUTHOR: NANCY HARNEY
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 259

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: BACKGROUND SURFACE WATER SAMPLING (WETLAND) SAMPLING FOR
AREA 5, NAS WHIDBEY ISLAND, WASHINGTON

DATE: 1/15/91 # OF PAGES: OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-26 TYPE: LETTER T.O. ACTION:
AUTHOR: BARRY ROGOWSKI
AUTHOR'S ORG: WASHINGTON STATE DEPARTMENT OF ECOLOGY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

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ID #: 260

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: BRUCE WOODS COMMENTS PERTAINING TO QA REVIEW OF SAIC'S
STANDARD OPER PROC

DATE: 1/18/91 # OF PAGES: 2 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OUI-27 TYPE: LETTER T.O. ACTION:
AUTHOR: NANCY HARNEY
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 272

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: COMMENTS ON INTERIM ACTION DRAFT TECHNICAL MEMO, OPERABLE
UNIT 1

DATE: 2/12/91 # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OUI-28 TYPE: LETTER & ENCLOSUR T.O. ACTION:
AUTHOR: KATHY SOUDERS
AUTHOR'S ORG: NAVAL AIR STATION WHIDBEY ISLAND, WASHINGTON

ADDRESSEE: COMMANDING OFFICER
ADDRESSEE'S ORG: EFA, NW

ID #: 107

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: COMMENTS ON REVISED DRAFT TECHNICAL MEMORANDUM FOR AREAS 5
& 6 INTERIM ACTION AT NAS WHIDBEY

DATE: 2/13/91 # OF PAGES: 9 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OUI-29 TYPE: LETTER & ENCLOSUR T.O. ACTION:
AUTHOR: NANCY HARNEY
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 279

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: COMMENTS ON AREAS 5 & 6 INTERIM ACTION WHIDBEY ISLAND AS OF
MARCH 02, 1990

DATE: 4/5/90 # OF PAGES: 2 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OUI-3 TYPE: LETTER T.O. ACTION:
AUTHOR: ROBERT A. POSS
AUTHOR'S ORG: DEPARTMENT OF ECOLOGY

ADDRESSEE: PATRICK R. VASICEK
ADDRESSEE'S ORG: EFA, NW

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ID #: 273

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: COMMENTS ON NAS WHIDBEY ISLAND, FINAL RI/FS WORKPLAN

DATE: 2/26/91 # OF PAGES: 8 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OUI-30 TYPE: LETTER T.O. ACTION:
AUTHOR: NANCY HARNEY
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 278

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: GRANTING OF WELL CONSTRUCTION VARIANCE

DATE: 3/8/91 # OF PAGES: 2 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OUI-31 TYPE: LETTER T.O. ACTION:
AUTHOR: HERMAN H. HUGGINS
AUTHOR'S ORG: DEPARTMENT OF ECOLOGY

ADDRESSEE: KEVIN STIGILE
ADDRESSEE'S ORG: EFA, NW

ID #: 277

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: COMMENTS ON DRAFT FINAL AIR PATHWAYS WORKPLAN, OPERABLE
UNIT 1

DATE: 3/18/91 # OF PAGES: 3 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OUI-32 TYPE: LETTER T.O. ACTION:
AUTHOR: BARRY ROGOWSKY
AUTHOR'S ORG: DEPARTMENT OF ECOLOGY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 275

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: NOTIFICATION OF LABORATORY APPROVAL

DATE: 3/18/91 # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OUI-33 TYPE: LETTER T.O. ACTION:
AUTHOR: THOMAS FLOR
AUTHOR'S ORG: NEESA

ADDRESSEE: COMMANDING OFFICER (CODE 09ER)
ADDRESSEE'S ORG: EFA, NW

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ID #: 276

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: DISCUSSION OF NAVY'S RESPONSE TO COMMENTS ON DRAFT AIR
PATHWAYS ANALYSIS WORKPLAN

DATE: 3/20/91 # OF PAGES: 2 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OUI-34 TYPE: LETTER T.O. ACTION:
AUTHOR: NANCY HARNEY
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 241

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: NOTIFICATION OF ADDITIONAL LABORATORY SITE APPROVAL

DATE: 5/6/91 # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OUI-35 TYPE: LETTER T.O. ACTION:
AUTHOR: THOMAS H. FLOR
AUTHOR'S ORG: DEPT OF THE NAVY NAVY ENERGY AND ENVIRONMENTAL PT HUENEME,
CA

ADDRESSEE: COMMANDING OFFICER, EFA NW (09ER)
ADDRESSEE'S ORG: EFA, NW

ID #: 823

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: FINAL REVISION OF THE AIR PATHWAY ANALYSIS PLANS

DATE: 9/9/91 # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OUI-36 TYPE: LETTER T.O. ACTION:
AUTHOR: PAUL MARCHANT
AUTHOR'S ORG: WASHINGTON DEPT OF ECOLOGY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 824

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: PROPOSED MODIFICATION TO FEDERAL FACILITIES AGREEMENT
DELIVERABLE SCHEDULE

DATE: 11/6/91 # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OUI-37 TYPE: LETTER T.O. ACTION:
AUTHOR: PAUL MARCHANT
AUTHOR'S ORG: WASHINGTON STATE DEPT OF ECOLOGY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

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ID #: 825

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: COMMENTS LETTER DATED OCT 24, 91 CONCERNING INTERIM ACTION

DATE: 11/6/91 # OF PAGES: 2 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-38 TYPE: LETTER T.O. ACTION:
AUTHOR: NANCY HARNEY
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: KEVIN STIGILE
ADDRESSEE'S ORG: EFA, NW

ID #: 280

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: RESPONSE TO EPA COMMENTS ON SCOPE OF WORK FOR RI/FS AT
LANDFILL SITES 5 & 6 NAS WHIDBEY

DATE: 5/01/90 # OF PAGES: 5 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-4 TYPE: LETTER T.O. ACTION:
AUTHOR: BUB LOISELLE
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: PATRICK R. VASICEK
ADDRESSEE'S ORG: EFA, NW

ID #: 281

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: FOLLOW-UP TO THE RI/FS MID-COURSE CORRECTION MEETING HELD
5/11/90

DATE: 5/17/90 # OF PAGES: 2 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-5 TYPE: LETTER T.O. ACTION:
AUTHOR: BUB LOISELLE
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 300

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: COMMENTS ON SCOPE OF WORK FOR RI/FS LANDFILL SITES 5 & 6
NAS WHIDBEY

DATE: 5/02/90 # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-6 TYPE: LETTER T.O. ACTION:
AUTHOR: ROBERT A. POSS
AUTHOR'S ORG: DEPARTMENT OF ECOLOGY

ADDRESSEE: BUB LOISELLE
ADDRESSEE'S ORG: EFA, NW

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ID #: 282

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: LIST OF ACTION ITEMS

DATE: 5/30/90 # OF PAGES: 12 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-7 TYPE: LETTER T.O. ACTION:
AUTHOR: BUB LOISELLE
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 283

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: REVIEW COMMENTS ON DRAFT FINAL INTERIM ACTION PROJECT PLANS

DATE: 6/05/90 # OF PAGES: 16 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-8 TYPE: LETTER T.O. ACTION:
AUTHOR: KATHRYN A. SOUDERS
AUTHOR'S ORG: NAS WHIDBEY

ADDRESSEE: COMMANDING OFFICER
ADDRESSEE'S ORG: EFA, NW

ID #: 284

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: ECOLOGY'S COMMENTS ON DRAFT FINAL INTERIM ACTION PROJECT
PLANS FOR OU A (AREAS 5 & 6)

DATE: 6/05/90 # OF PAGES: 3 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-9 TYPE: LETTER T.O. ACTION:
AUTHOR: ROBERT A. POSS
AUTHOR'S ORG: DEPARTMENT OF ECOLOGY

ADDRESSEE: PATRICK R. VASICEK
ADDRESSEE'S ORG: EFA, NW

ID #: 840

SUB-HEAD: 03.10 COMMENTS
TITLE: SCOPE OF WORK FOR RI/FS LANDFILL

DATE: 5/2/90 # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.10-OU1-1 TYPE: LETTER T.O. ACTION:
AUTHOR: ROBERT A. POSS
AUTHOR'S ORG: WASHINGTON STATE DEPARTMENT OF ECOLOGY

ADDRESSEE: BUB LOISELLE
ADDRESSEE'S ORG: ENVIRONMENTAL PROTECTION AGENCY

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ID #: 1158

SUB-HEAD: 03.10 COMMENTS
TITLE: RESPONSES TO REGULATORY AGENCY REVIEW COMMENTS OF NOVEMBER
1990 AIR PATHWAY ANALYSIS WORK PLAN

DATE: 1/91 # OF PAGES: 8 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.10-OU1-2 TYPE: RESPONSES T.O. ACTION:
AUTHOR: URS
AUTHOR'S ORG:

ADDRESSEE:
ADDRESSEE'S ORG:

***** ID #: 1159

SUB-HEAD: 03.10 COMMENTS
TITLE: RESPONSES TO REGULATORY AGENCY REVIEW COMMENTS RE: JUNE
1991 AIR PATHWAY ANALYSIS WORK PLAN APPENENDICES

DATE: 6/91 # OF PAGES: 9 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.10-OU1-3 TYPE: RESPONSES T.O. ACTION:
AUTHOR: URS
AUTHOR'S ORG:

ADDRESSEE:
ADDRESSEE'S ORG:

***** ID #: 1160

SUB-HEAD: 03.10 COMMENTS
TITLE: COMMENTS ON SITE CHARACTERIZATION STUDY REPORT, OPERABLE
UNIT 1 NAS WHIDBEY

DATE: 2/20/92 # OF PAGES: 3 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.10-OU1-4 TYPE: LETTER & COMMENTS T.O. ACTION:
AUTHOR: PAUL MARCHANT
AUTHOR'S ORG: DEPARTMENT OF ECOLOGY STATE OF WASHINGTON

ADDRESSEE: BRYAN HEALSIG
ADDRESSEE'S ORG: EFA, NW

***** ID #: 301

SUB-HEAD: 03.2 SCOPES OF WORK
TITLE: COMMENTS ON INTERIM ACTION SAMPLING PLAN FOR AREAS 5 & 6

DATE: 4/19/90 # OF PAGES: 15 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.2-OU1-1 TYPE: LETTER T.O. ACTION:
AUTHOR: BUB LOISELLE
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

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ID #: 303

SUB-HEAD: 03.3 RI/FS PROJECT PLANS
TITLE: HEALTH AND SAFETY PLAN OPERABLE UNIT 1

DATE: 2/1/91 # OF PAGES: 240 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.3-OU1-1 TYPE: REPORT T.O. ACTION:
AUTHOR: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION
AUTHOR'S ORG: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

ADDRESSEE: URS CONSULTANTS, INC.
ADDRESSEE'S ORG: URS CONSULTANTS, INC.

ID #: 304

SUB-HEAD: 03.3 RI/FS PROJECT PLANS
TITLE: QUALITY ASSURANCE PROJECT PLAN OPERABLE UNIT 1

DATE: 2/1/91 # OF PAGES: 88 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.3-OU1-2 TYPE: REPORT T.O. ACTION:
AUTHOR: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION
AUTHOR'S ORG: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

ADDRESSEE: URS CONSULTANTS, INC.
ADDRESSEE'S ORG: URS CONSULTANTS, INC.

ID #: 839

SUB-HEAD: 03.3 RI/FS PROJECT PLANS
TITLE: COMMUNITY RELATIONS PLAN

DATE: 2/1/91 # OF PAGES: 74 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.3-OU1-3 TYPE: REPORT T.O. ACTION:
AUTHOR: URS
AUTHOR'S ORG:

ADDRESSEE: EFA, NW
ADDRESSEE'S ORG:

ID #: 302

SUB-HEAD: 03.3 RI/FS PROJECT PLANS
TITLE: FIELD SAMPLING PLAN OPERABLE UNIT 1

DATE: 2/1/91 # OF PAGES: 148 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.3-OU1-4 TYPE: REPORT T.O. ACTION:
AUTHOR: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION
AUTHOR'S ORG: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

ADDRESSEE: URS CONSULTANTS, INC.
ADDRESSEE'S ORG: URS CONSULTANTS, INC.

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ID #: 305

SUB-HEAD: 03.3 RI/FS PROJECT PLANS
TITLE: WORK PLAN OPERABLE UNIT 1

DATE: 2/1/91 # OF PAGES: 118 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.3-OU1-5 TYPE: REPORT T.O. ACTION:
AUTHOR: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION
AUTHOR'S ORG: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

ADDRESSEE: URS CONSULTANTS, INC.
ADDRESSEE'S ORG: URS CONSULTANTS, INC.

ID #: 838

SUB-HEAD: 03.3 RI/FS PROJECT PLANS
TITLE: MONTHLY PROGRESS REPORT

DATE: 11/5/91 # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.3-OU1-6 TYPE: LETTER T.O. ACTION:
AUTHOR: DAVID B. SHEHEE
AUTHOR'S ORG: MARTIN MARIETTA ENERGY SYSTEM INC.

ADDRESSEE: MR. SCHEIBLE
ADDRESSEE'S ORG: EAGLE PICHER ENVIRONMENTAL SERVICES

ID #: 1155

SUB-HEAD: 03.3 RI/FS PROJECT PLANS
TITLE: CHANGES FOR THE COMMUNITY RELATIONS PLAN (CRP)

DATE: 6/28/91 # OF PAGES: 15 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.3-OU1-7 TYPE: CHANGES T.O. ACTION:
AUTHOR: URS
AUTHOR'S ORG:

ADDRESSEE:
ADDRESSEE'S ORG:

ID #: 1156

SUB-HEAD: 03.3 RI/FS PROJECT PLANS
TITLE: CHANGES TO BE MADE TO THE RI/FS MANAGEMENT PLANS FOR NAS
WHIDBEY ISLAND OPERABLE UNIT 1

DATE: 5/6/91 # OF PAGES: 117 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.3-OU1-8 TYPE: CORRECTIONS T.O. ACTION:
AUTHOR: SAIC
AUTHOR'S ORG:

ADDRESSEE:
ADDRESSEE'S ORG:

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SUB-HEAD: 03.4 ATA/CHAIN OF CUSTODY
TITLE: DOCUMENT TRANSMITTAL - VALIDATED DATA

ID #: 837

DATE: 10/7/91 # OF PAGES: 5 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.4-OU1-1 TYPE: LETTER & ENCLOSUR T.O. ACTION:
AUTHOR: DAVID E. MOHR
AUTHOR'S ORG: URS CONSULTANTS

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 307

SUB-HEAD: 05.1 CORRESPONDENCE
TITLE: FEDERAL FACILITY AGREEMENT FOR NAS WHIDBEY

DATE: 8/90 # OF PAGES: 2 OPERABLE UNIT: 1
DOCUMENT NUMBER: 5.1-OU1-1 TYPE: LETTER T.O. ACTION:
AUTHOR: SMITH
AUTHOR'S ORG: NAS WHIDBEY

ADDRESSEE: COMMANDER-IN-CHIEF, U.S. PACIFIC FLEET (CODE OOJE)
ADDRESSEE'S ORG:

ID #: 306

SUB-HEAD: 05.1 CORRESPONDENCE
TITLE: FEDERAL FACILITY AGREEMENT FOR NAS WHIDBEY

DATE: 8/10/90 # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 5.1-OU1-2 TYPE: LETTER T.O. ACTION:
AUTHOR: R.F. HEINE, JR.
AUTHOR'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

ADDRESSEE: COMMANDER, NAVFACENGCOM (CODE 09CB4)
ADDRESSEE'S ORG:

ID #: 564

SUB-HEAD: 05.1 CORRESPONDENCE
TITLE: COMMENTS ON DRAFT MANAGEMENT PLANS FOR OPERABLE UNIT 1

DATE: 10/2/90 # OF PAGES: 2 OPERABLE UNIT: 1
DOCUMENT NUMBER: 5.1-OU1-3 TYPE: LETTER T.O. ACTION:
AUTHOR: BARRY ROGOWSKI
AUTHOR'S ORG: DEPARTMENT OF ECOLOGY STATE OF WASHINGTON

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA,NW

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ID #: 843

SUB-HEAD: 05.1 CORRESPONDENCE
TITLE: CHANGE IN ECOLOGY PROJECT MANAGER

DATE: 8/1/91 # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 5.1-OU1-4 TYPE: LETTER T.O. ACTION:
AUTHOR: DUANE R. GOODMAN
AUTHOR'S ORG: STATE OF WASHINGTON DEPT OF ECOLOGY

ADDRESSEE: PAT VASACZK
ADDRESSEE'S ORG: EFA, NW

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ADMINISTRATIVE RECORD INDEX

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ID #: 1149

SUB-HEAD: 01.1 CORRESPONDENCE
TITLE: HISTORICAL INFORMATION OF POLNELL POINT

DATE: 7/2/91 # OF PAGES: 2 OPERABLE UNIT: HWE
DOCUMENT NUMBER: 1.1-HWE-1 TYPE: LETTER T.O. ACTION:
AUTHOR: BARRY ROGOWSKI
AUTHOR'S ORG: DEPARTMENT OF ECOLOGY STATE OF WASHINGTON

ADDRESSEE: BRYAN HAELSIG/KATHY SOUDERS
ADDRESSEE'S ORG: EFA, NW/NAS WHIDBEY ISLAND

***** ID #: 242

SUB-HEAD: 01.1 CORRESPONDENCE
TITLE: KEY ISSUES/ITEMS AGREED TO AT JULY 26, 1990 MEETING

DATE: 7/30/90 # OF PAGES: 2 OPERABLE UNIT: 2
DOCUMENT NUMBER: 1.1-OU2-1 TYPE: LETTER T.O. ACTION:
AUTHOR: BUB LOISELLE
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

***** ID #: 243

SUB-HEAD: 01.2 BACKGROUND
TITLE: NAVY ASSESSMENT AND CONTROL OF INSTALLATION POLLUTANTS
CONFIRMATION STUDY - VERIFICATION PHASE QA/QC PLAN

DATE: 9/86 # OF PAGES: 36 OPERABLE UNIT: 1
DOCUMENT NUMBER: 1.2-OU1-1 TYPE: REPORT T.O. ACTION:
AUTHOR: SCS ENGINEERS
AUTHOR'S ORG: SCS ENGINEERS

ADDRESSEE: PACNORWESTBRO
ADDRESSEE'S ORG: NAVFACENGCOM, SILVERDALE, WASHINGTON

***** ID #: 851

SUB-HEAD: 01.2 BACKGROUND
TITLE: NAVY ASSESSMENT AND CONTROL OF INSTALLATION POLLUTANTS
CONFIRMATION STUDY - VERIFICATION PHASE QA/QC PLAN

DATE: 9/86 # OF PAGES: 36 OPERABLE UNIT: 2
DOCUMENT NUMBER: 1.2-OU1-1 TYPE: REPORT T.O. ACTION:
AUTHOR: SCS ENGINEERS
AUTHOR'S ORG: SCS ENGINEERS

ADDRESSEE: PACNORWESTBRO
ADDRESSEE'S ORG: NAVFACENGCOM, SILVERDALE WA

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ID #: 852

SUB-HEAD: 01.2 BACKGROUND
TITLE: NAVY ASSESSMENT AND CONTROL OF INSTALLATION POLLUTANTS
CONFIRMATION STUDY - VERIFICATION PHASE QA/QC PLAN

DATE: 9/86 # OF PAGES: 36 OPERABLE UNIT: 3
DOCUMENT NUMBER: 1.2-OU1-1 TYPE: REPORT T.O. ACTION:
AUTHOR: SCS ENGINEERS
AUTHOR'S ORG: SCS ENGINEERS

ADDRESSEE: PACNORWESTBRO
ADDRESSEE'S ORG: NAVFACENGCOM, SILVERDALE WA

ID #: 853

SUB-HEAD: 01.2 BACKGROUND
TITLE: NAVY ASSESSMENT AND CONTROL OF INSTALLATION POLLUTANTS
CONFIRMATION STUDY - VERIFICATION PHASE QA/QC PLAN

DATE: 9/86 # OF PAGES: 36 OPERABLE UNIT: 4
DOCUMENT NUMBER: 1.2-OU1-1 TYPE: REPORT T.O. ACTION:
AUTHOR: SCS ENGINEERS
AUTHOR'S ORG: SCS ENGINEERS

ADDRESSEE: PACNORWESTBRO
ADDRESSEE'S ORG: NAVFACENGCOM, SILVERDALE WA

ID #: 854

SUB-HEAD: 01.2 BACKGROUND
TITLE: NAVY ASSESSMENT AND CONTROL OF INSTALLATION POLLUTANTS
CONFIRMATION STUDY - VERIFICATION PHASE QA/QC PLAN

DATE: 9/86 # OF PAGES: 36 OPERABLE UNIT: HWE
DOCUMENT NUMBER: 1.2-OU1-1 TYPE: REPORT T.O. ACTION:
AUTHOR: SCS ENGINEERS
AUTHOR'S ORG: SCS ENGINEERS

ADDRESSEE: PACNORWESTBRO
ADDRESSEE'S ORG: NAVFACENGCOM, SILVERDALE, WA

ID #: 244

SUB-HEAD: 01.2 BACKGROUND
TITLE: HEALTH AND SAFETY PLAN CONFIRMATION STUDY VERIFICATION PHASE

DATE: 1/15/86 # OF PAGES: 56 OPERABLE UNIT: 1
DOCUMENT NUMBER: 1.2-OU1-2 TYPE: REPORT T.O. ACTION:
AUTHOR: SCS ENGINEERS
AUTHOR'S ORG: SCS ENGINEERS

ADDRESSEE:
ADDRESSEE'S ORG:

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ID #: 855

SUB-HEAD: 01.2 BACKGROUND

TITLE: HEALTH AND SAFETY PLAN CONFIRMATION STUDY VERIFICATION PHASE

DATE: 1/15/86 # OF PAGES: 56 OPERABLE UNIT: 2
DOCUMENT NUMBER: 1.2-OU1-2 TYPE: REPORT T.O. ACTION:
AUTHOR: SCS ENGINEERS
AUTHOR'S ORG:

ADDRESSEE:
ADDRESSEE'S ORG:

ID #: 856

SUB-HEAD: 01.2 BACKGROUND

TITLE: HEALTH AND SAFETY PLAN CONFIRMATION STUDY VERIFICATION PHASE

DATE: 1/15/86 # OF PAGES: 56 OPERABLE UNIT: 3
DOCUMENT NUMBER: 1.2-OU1-2 TYPE: REPORT T.O. ACTION:
AUTHOR: SCS ENGINEERS
AUTHOR'S ORG:

ADDRESSEE:
ADDRESSEE'S ORG:

ID #: 857

SUB-HEAD: 01.2 BACKGROUND

TITLE: HEALTH AND SAFETY PLAN CONFIRMATION STUDY VERIFICATION PHASE

DATE: 1/15/86 # OF PAGES: 56 OPERABLE UNIT: 4
DOCUMENT NUMBER: 1.2-OU1-2 TYPE: REPORT T.O. ACTION:
AUTHOR: SCS ENGINEERS
AUTHOR'S ORG:

ADDRESSEE:
ADDRESSEE'S ORG:

ID #: 858

SUB-HEAD: 01.2 BACKGROUND

TITLE: HEALTH AND SAFETY PLAN CONFIRMATION STUDY VERIFICATION PHASE

DATE: 1/15/86 # OF PAGES: 56 OPERABLE UNIT: HWE
DOCUMENT NUMBER: 1.2-OU1-2 TYPE: REPORT T.O. ACTION:
AUTHOR: SCS ENGINEERS
AUTHOR'S ORG:

ADDRESSEE:
ADDRESSEE'S ORG:

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ID #: 246

SUB-HEAD: 01.2 BACKGROUND
TITLE: CONFIRMATION STUDY VERIFICATION PHASE PLAN OF ACTION FOR
SAMPLING AND ANALYSIS

DATE: 9/86 # OF PAGES: 100 OPERABLE UNIT: 1
DOCUMENT NUMBER: 1.2-OU1-3 TYPE: REPORT T.O. ACTION:
AUTHOR: SCS ENGINEERS
AUTHOR'S ORG: SCS ENGINEERS

ADDRESSEE: PACNORWESTBRO
ADDRESSEE'S ORG: NAVFACENGCOM, SILVERDALE, WASHINGTON

ID #: 859

SUB-HEAD: 01.2 BACKGROUND
TITLE: CONFIRMATION STUDY VERIFICATION PHASE PLAN OF ACTION FOR
SAMPLING AND ANALYSIS

DATE: 9/86 # OF PAGES: 100 OPERABLE UNIT: 2
DOCUMENT NUMBER: 1.2-OU1-3 TYPE: REPORT T.O. ACTION:
AUTHOR: SCS ENGINEERS
AUTHOR'S ORG: SCS ENGINEERS

ADDRESSEE: PACNORWESTBRO
ADDRESSEE'S ORG: NAVFACENGCOM, SILVERDALE, WA

ID #: 860

SUB-HEAD: 01.2 BACKGROUND
TITLE: CONFIRMATION STUDY VERIFICATION PHASE PLAN OF ACTION FOR
SAMPLING AND ANALYSIS

DATE: 9/86 # OF PAGES: 100 OPERABLE UNIT: 3
DOCUMENT NUMBER: 1.2-OU1-3 TYPE: REPORT T.O. ACTION:
AUTHOR: SCS ENGINEERS
AUTHOR'S ORG: SCS ENGINEERS

ADDRESSEE: PACNORWESTBRO
ADDRESSEE'S ORG: NAVFACENGCOM, SILVERDALE, WA

ID #: 861

SUB-HEAD: 01.2 BACKGROUND
TITLE: CONFIRMATION STUDY VERIFICATION PHASE PLAN OF ACTION FOR
SAMPLING AND ANALYSIS

DATE: 9/86 # OF PAGES: 100 OPERABLE UNIT: 4
DOCUMENT NUMBER: 1.2-OU1-3 TYPE: REPORT T.O. ACTION:
AUTHOR: SCS ENGINEERS
AUTHOR'S ORG: SCS ENGINEERS

ADDRESSEE: PACNORWESTBRO
ADDRESSEE'S ORG: NAVFACENGCOM, SILVERDALE, WA

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ID #: 862

SUB-HEAD: 01.2 BACKGROUND
TITLE: CONFIRMATION STUDY VERIFICATION PHASE PLAN OF ACTION FOR
SAMPLING AND ANALYSIS

DATE: 9/86 # OF PAGES: 100 OPERABLE UNIT: HWE
DOCUMENT NUMBER: 1.2-OU1-3 TYPE: REPORT T.O. ACTION:
AUTHOR: SCS ENGINEERS
AUTHOR'S ORG: SCS ENGINEERS

ADDRESSEE: PACNORWESTBRO
ADDRESSEE'S ORG: NAVFACENGCOM, SILVERDALE, WA

ID #: 245

SUB-HEAD: 01.2 BACKGROUND
TITLE: CONFIRMATION STUDY RANKING SYSTEM WORKSHEETS

DATE: 5/84 # OF PAGES: 53 OPERABLE UNIT: 2
DOCUMENT NUMBER: 1.2-OU2-1 TYPE: REPORT T.O. ACTION:
AUTHOR: JEM. DIRECTOR OF SCS ENGINEERS
AUTHOR'S ORG: SCS ENGINEERS

ADDRESSEE:
ADDRESSEE'S ORG:

ID #: 247

SUB-HEAD: 01.3 NOTIFICATION/SI/CERCLA
TITLE: NAVAL SHORE ACTIVITY DISPOSAL SITE FACT FORM

DATE: 4/20/83 # OF PAGES: 42 OPERABLE UNIT: 1
DOCUMENT NUMBER: 1.3-OU1-1 TYPE: REPORT T.O. ACTION:
AUTHOR: COMMANDING OFFICER, NAS WHIDBEY
AUTHOR'S ORG: NAS WHIDBEY

ADDRESSEE: NEESA (112N) PORT HUENEME, CA 93043
ADDRESSEE'S ORG: NEESA (112N) PORT HUENEME, CA 93043

ID #: 248

SUB-HEAD: 01.4 PA REPORT
TITLE: INITIAL ASSESSMENT STUDY OF NAS WHIDBEY

DATE: 9/84 # OF PAGES: 270 OPERABLE UNIT: 1
DOCUMENT NUMBER: 1.4-OU1-1 TYPE: REPORT T.O. ACTION:
AUTHOR: SCS ENGINEERS
AUTHOR'S ORG: SCS ENGINEERS

ADDRESSEE: NAVY ASSESS & CONTROL OF INSTALLATION OF POLLUTANT
ADDRESSEE'S ORG: NAVAL ENERGY & ENVIRONMENTAL SUPPORT ACTIVITY

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ID #: 226

SUB-HEAD: 01.5 SI REPORT
TITLE: ANALYSIS REPORT

DATE: 3/18/87 # OF PAGES: 49 OPERABLE UNIT: 1
DOCUMENT NUMBER: 1.5-OU1-1 TYPE: REPORT T.O. ACTION:
AUTHOR: AT AM TEST INC
AUTHOR'S ORG:

ADDRESSEE: SCS ENGINEERS
ADDRESSEE'S ORG:

ID #: 867

SUB-HEAD: 01.5 SI REPORT
TITLE: ANALYSIS REPORT

DATE: 3/18/87 # OF PAGES: 49 OPERABLE UNIT: 2
DOCUMENT NUMBER: 1.5-OU1-1 TYPE: REPORT T.O. ACTION:
AUTHOR: AT AM TEST INC
AUTHOR'S ORG:

ADDRESSEE: SCS ENGINEERS
ADDRESSEE'S ORG:

ID #: 869

SUB-HEAD: 01.5 SI REPORT
TITLE: ANALYSIS REPORT

DATE: 3/18/87 # OF PAGES: 49 OPERABLE UNIT: 4
DOCUMENT NUMBER: 1.5-OU1-1 TYPE: REPORT T.O. ACTION:
AUTHOR: AT AM TEST INC
AUTHOR'S ORG:

ADDRESSEE: SCS ENGINEERS
ADDRESSEE'S ORG:

ID #: 870

SUB-HEAD: 01.5 SI REPORT
TITLE: ANALYSIS REPORT

DATE: 3/18/87 # OF PAGES: 49 OPERABLE UNIT: HWE
DOCUMENT NUMBER: 1.5-OU1-1 TYPE: REPORT T.O. ACTION:
AUTHOR: AT AM TEST INC
AUTHOR'S ORG:

ADDRESSEE: SCS ENGINEERS
ADDRESSEE'S ORG:

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ID #: 872

SUB-HEAD: 01.5 SI REPORT
TITLE: ANALYSIS REPORT

DATE: 3/18/87 # OF PAGES: 49 OPERABLE UNIT: 3
DOCUMENT NUMBER: 1.5-OU1-1 TYPE: REPORT T.O. ACTION:
AUTHOR: AT AM TEST INC
AUTHOR'S ORG:

ADDRESSEE: SCS ENGINEERS
ADDRESSEE'S ORG:

ID #: 106

SUB-HEAD: 01.5 SI REPORT
TITLE: CURRENT SITUATION REPORT

DATE: 1/88 # OF PAGES: 310 OPERABLE UNIT: 1
DOCUMENT NUMBER: 1.5-OU1-2 TYPE: REPORT T.O. ACTION:
AUTHOR: SCS ENGINEERS
AUTHOR'S ORG:

ADDRESSEE: ENGINEERING FIELD ACTIVITY
ADDRESSEE'S ORG:

ID #: 863

SUB-HEAD: 01.5 SI REPORT
TITLE: CURRENT SITUATION REPORT

DATE: 1/88 # OF PAGES: 310 OPERABLE UNIT: 2
DOCUMENT NUMBER: 1.5-OU1-2 TYPE: REPORT T.O. ACTION:
AUTHOR: SCS ENGINEERS
AUTHOR'S ORG:

ADDRESSEE: ENGINEERING FIELD, ACTIVITY
ADDRESSEE'S ORG:

ID #: 864

SUB-HEAD: 01.5 SI REPORT
TITLE: CURRENT SITUATION REPORT

DATE: 1/88 # OF PAGES: 310 OPERABLE UNIT: 3
DOCUMENT NUMBER: 1.5-OU1-2 TYPE: REPORT T.O. ACTION:
AUTHOR: SCS ENGINEERS
AUTHOR'S ORG:

ADDRESSEE: ENGINEERING FIELD ACTIVITY
ADDRESSEE'S ORG:

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ID #: 865

SUB-HEAD: 01.5 SI REPORT
TITLE: CURRENT SITUATION REPORT

DATE: 1/88 # OF PAGES: 310 OPERABLE UNIT: 4
DOCUMENT NUMBER: 1.5-OU1-2 TYPE: REPORT T.O. ACTION:
AUTHOR: SCS ENGINEERS
AUTHOR'S ORG:

ADDRESSEE: ENGINEERING FIELD ACTIVITY
ADDRESSEE'S ORG:

ID #: 866

SUB-HEAD: 01.5 SI REPORT
TITLE: CURRENT SITUATION REPORT

DATE: 1/88 # OF PAGES: 310 OPERABLE UNIT: HWE
DOCUMENT NUMBER: 1.5-OU1-2 TYPE: REPORT T.O. ACTION:
AUTHOR: SCS ENGINEERS
AUTHOR'S ORG:

ADDRESSEE: ENGINEERING FIELD ACTIVITY
ADDRESSEE'S ORG:

ID #: 251

SUB-HEAD: 01.5 SI REPORT
TITLE: COMMENTS ON SITE 6 INITIAL INVESTIGATION DRAFT TECHNICAL
MEMORANDUM

DATE: 1/8/90 # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 1.5-OU1-3 TYPE: LETTER T.O. ACTION:
AUTHOR: BOB GOODMAN
AUTHOR'S ORG: DEPARTMENT OF ECOLOGY

ADDRESSEE: LEO VASAITIS
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NW

ID #: 249

SUB-HEAD: 01.5 SI REPORT
TITLE: COMMENTS ON DRAFT FOR SITE 6 INITIAL LANDFILL INVESTIGATION
TECHNICAL MEMO

DATE: 1/23/90 # OF PAGES: 3 OPERABLE UNIT: 1
DOCUMENT NUMBER: 1.5-OU1-4 TYPE: LETTER T.O. ACTION:
AUTHOR: KATHY SOUDERS
AUTHOR'S ORG: NAS WHIDBEY

ADDRESSEE: COMMANDING OFFICER
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NW

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ID #: 250

SUB-HEAD: 01.5 SI REPORT
TITLE: COMMENTS ON SITE 6 INITIAL INVESTIGATION DRAFT TECHNICAL
MEMORANDUM

DATE: 1/26/90 # OF PAGES: 22 OPERABLE UNIT: 1
DOCUMENT NUMBER: 1.5-OU1-5 TYPE: LETTER T.O. ACTION:
AUTHOR: BUB LOISELLE
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACITIVY NW

ID #: 252

SUB-HEAD: 01.6 PREVIOUS O.U. INFORMATION
TITLE: TECHNICAL MEMORANDUM SITE 6 LANDFILL INITIAL INVESTIGATION
AT NAS WHIDBEY ISLAND, WASHINGTON

DATE: 9/28/89 # OF PAGES: 358 OPERABLE UNIT: 1
DOCUMENT NUMBER: 1.6-OU1-1 TYPE: REPORT T.O. ACTION:
AUTHOR: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION
AUTHOR'S ORG: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

ADDRESSEE: OFFICER-IN-CHARGE, NORTHWEST
ADDRESSEE'S ORG: NAVAL FACILITIES ENGINEERING COMMAND, SILVERDALE, WASHINGTON

ID #: 253

SUB-HEAD: 01.7 ACTION PLAN
TITLE: DRAFT HAZARDOUS WASTE EVALUATION STUDY MANAGEMENT PLANS FOR
NAVAL AIR STATION, WHIDBEY ISLAND, WASHINGTON

DATE: 1/24/91 # OF PAGES: 6 OPERABLE UNIT:
DOCUMENT NUMBER: 1.7-1 TYPE: LETTER T.O. ACTION:
AUTHOR: BARRY ROGOWSKY
AUTHOR'S ORG: DEPARTMENT OF ECOLOGY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY, NORTHWEST

ID #: 255

SUB-HEAD: 01.7 ACTION PLAN
TITLE: COMMENTS ON DRAFT ACTION PLAN

DATE: 3/20/90 # OF PAGES: 2 OPERABLE UNIT: 1
DOCUMENT NUMBER: 1.7-OU1-1 TYPE: LETTER T.O. ACTION:
AUTHOR: BOB POSS
AUTHOR'S ORG: DEPARTMENT OF ECOLOGY

ADDRESSEE: PAT VASICEK
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NW

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ID #: 256

SUB-HEAD: 01.7 ACTION PLAN
TITLE: COMMENTS ON DRAFT ACTION PLAN

DATE: 4/5/90 # OF PAGES: 4 OPERABLE UNIT: 1
DOCUMENT NUMBER: 1.7-OU1-2 TYPE: LETTER T.O. ACTION:
AUTHOR: BUB LOISELLE
AUTHOR'S ORG: ENIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NW

ID #: 254

SUB-HEAD: 01.7 ACTION PLAN
TITLE: ACTION PLAN NAVAL AIR STATION WHIDBEY ISLAND OAK HARBOR, WA

DATE: 10/19/90 # OF PAGES: 74 OPERABLE UNIT: 1
DOCUMENT NUMBER: 1.7-OU1-3 TYPE: REPORT T.O. ACTION:
AUTHOR: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION
AUTHOR'S ORG: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

ADDRESSEE: ENGINEERING FIELD ACTIVITY, NORTHWEST
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY, NORTHWEST

ID #: 309

SUB-HEAD: 10.2 COMMUNITY RELATIONS PLAN
TITLE: COMMUNITY RELATIONS PLAN FOR REMEDIAL ACTION /PLAN OF
ACTION AT NAS WHIDBEY ISLAND

DATE: 11/5/86 # OF PAGES: 21 OPERABLE UNIT:
DOCUMENT NUMBER: 10.2-1 TYPE: REPORT T.O. ACTION:
AUTHOR: PUBLIC AFFAIRS OFFICE
AUTHOR'S ORG: PUBLIC AFFAIRS OFFICE, NAS WHIDBEY ISLAND

ADDRESSEE:
ADDRESSEE'S ORG:

ID #: 849

SUB-HEAD: 10.3 TECHNICAL REVIEW COMMITTEE
TITLE: TECHNICAL REVIEW MEETING MINUTES

DATE: 10/2/91 # OF PAGES: 8 OPERABLE UNIT: 1
DOCUMENT NUMBER: 10.3-OU1-1 TYPE: REPORT T.O. ACTION:
AUTHOR: COMMANDING OFFICER
AUTHOR'S ORG: NAVAL AIR STATION, WHIDBEY ISLAND

ADDRESSEE: COMMANDING OFFICER
ADDRESSEE'S ORG: EFA, NW

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ID #: 1013

SUB-HEAD: 10.3 TECHNICAL REVIEW COMMITTEE
TITLE: NOTICE OF TECHNICAL REVIEW COMMITTEE MEETING AT SUBASE
BANGOR ON MARCH 4, 1992

DATE: 2/24/92 # OF PAGES: 2 OPERABLE UNIT: 5
DOCUMENT NUMBER: 10.3-OU1-66 TYPE: LETTER & AGENDA T.O. ACTION:
AUTHOR: NEIL BASS
AUTHOR'S ORG: SUBASE BANGOR

ADDRESSEE: MR. CRAIG THOMPSON
ADDRESSEE'S ORG: WASHINGTON DEPT OF ECOLOGY

ID #: 1128

SUB-HEAD: 10.3 TECHNICAL REVIEW COMMITTEE
TITLE: NOTICE OF TECHNICAL REVIEW COMMITTEE MEETING AT SUBASE
BANGOR ON MARCH 4 1992

DATE: 2/24/92 # OF PAGES: 2 OPERABLE UNIT: 4
DOCUMENT NUMBER: 10.3-OU1-82 TYPE: LETTER & AGENDA T.O. ACTION:
AUTHOR: NEIL BASS
AUTHOR'S ORG: SUBASE BANGOR

ADDRESSEE: MR. WILLIAM HAHN
ADDRESSEE'S ORG: PUBLIC UTILITY DISTRICT #1 OF KITSAP COUNTY

ID #: 311

SUB-HEAD: 10.4 PUB NOTE OF AVAIL OF INFO
TITLE: TECHNICAL REVIEW COMMITTEE MEETING MINUTES

DATE: 11/16/90 # OF PAGES: 8 OPERABLE UNIT:
DOCUMENT NUMBER: 10.4-OU1-1 TYPE: TRANSMITTAL T.O. ACTION:
AUTHOR: K.A. SOUDERS
AUTHOR'S ORG: NAS WHIDBEY

ADDRESSEE: COMMANDING OFFICER
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

ID #: 312

SUB-HEAD: 10.5 PUBLIC MEETING TRANSCRIPT
TITLE: TECHNICAL REVIEW COMMITTEE MEETING FOR JUNE 28, 1990

DATE: 6/11/90 # OF PAGES: 3 OPERABLE UNIT:
DOCUMENT NUMBER: 10.5-1 TYPE: LETTER T.O. ACTION:
AUTHOR: K.A. SOUDERS
AUTHOR'S ORG: NAS WHIDBEY

ADDRESSEE: BILL NORTON
ADDRESSEE'S ORG: DEPARTMENT OF EMERGENCY SERVICES

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ID #: 1169

SUB-HEAD: 10.7 FACT SHEETS AND PRESS REL
TITLE: RESULTS OF SURVEYS AND SAMPLING ADJACENT TO NAVY LAND FILL
KNOWN

DATE: 5/28/91 # OF PAGES: 3 OPERABLE UNIT: 1
DOCUMENT NUMBER: 10.7-OU1-1 TYPE: NEWS RELEASE T.O. ACTION:
AUTHOR: PUBLIC AFFAIRS OFFICE
AUTHOR'S ORG: NAVAL AIR STATION WHIDBEY ISLAND

ADDRESSEE:
ADDRESSEE'S ORG:

ID #: 1170

SUB-HEAD: 11.4 TECHNICAL SOURCES
TITLE: COMMENTS OF QA REVIEW OF PROPOSED ANALYTICAL METHODS FOR
AMITROLE AND PYRETHRINS AT NAS WHIDBEY

DATE: 10/23/91 # OF PAGES: 19 OPERABLE UNIT: 2
DOCUMENT NUMBER: 11.4-OU2-1 TYPE: LETTER & COMMENTS T.O. ACTION:
AUTHOR: BRUCE A. WOODS
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: NANCY HARNEY
ADDRESSEE'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ID #: 257

SUB-HEAD: 02.1 CORRESPONDENCE
TITLE: CONTINUATION OF FURTHER STUDY OF THE JET ENGINE TEST CELL

DATE: 11/21/90 # OF PAGES: 2 OPERABLE UNIT: HWE
DOCUMENT NUMBER: 2.1-HWE-1 TYPE: LETTER T.O. ACTION:
AUTHOR: BARRY ROGOWSKI
AUTHOR'S ORG: DEPARTMENT OF ECOLOGY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

ID #: 822

SUB-HEAD: 02.1 CORRESPONDENCE
TITLE: SUBMITTAL OF DRAFT INTERIM ACTION PROPOSED PLAN FOR OU1

DATE: 11/25/91 # OF PAGES: 11 OPERABLE UNIT: 1
DOCUMENT NUMBER: 2.1-OU1-1 TYPE: LETTER & ENCLOSUR T.O. ACTION:
AUTHOR: KEVIN STIGILE
AUTHOR'S ORG: EFA, NW

ADDRESSEE: NANCY HARNEY/PAUL MARCHANT
ADDRESSEE'S ORG: EPA/WASHINGTON STATE DEPT OF ECOLOGY

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ID #: 1150

SUB-HEAD: 02.1 CORRESPONDENCE

TITLE: COMMENTS ON DRAFT INTERIM ACTION RECORD OF DECISION:
OPERABLE UNIT 1

DATE: 3/6/92 # OF PAGES: 4 OPERABLE UNIT: 1
DOCUMENT NUMBER: 2.1-OU1-2 TYPE: LETTER T.O. ACTION:
AUTHOR: PAUL MARCHANT
AUTHOR'S ORG: DEPARTMENT OF ECOLOGY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 1151

SUB-HEAD: 02.1 CORRESPONDENCE

TITLE: COMMENTS ON DRAFT INTERIM ACTION ROD

DATE: 3/10/92 # OF PAGES: 25 OPERABLE UNIT: 1
DOCUMENT NUMBER: 2.1-OU1-3 TYPE: LETTER T.O. ACTION:
AUTHOR: NANCY HARNEY
AUTHOR'S ORG: EENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG, PAUL MARCHANT, K. SOUDERS, R. YUST
ADDRESSEE'S ORG: EFA, NW

ID #: 1152

SUB-HEAD: 02.5 EE/CA

TITLE: PROPOSED PLAN FOR INTERIM ACTION AT NAS WHIDBEY ISLAND

DATE: 12/27/91 # OF PAGES: 8 OPERABLE UNIT: 1
DOCUMENT NUMBER: 2.5-OU1-1 TYPE: LETTER & ATTACHME T.O. ACTION:
AUTHOR: ROBERT YUST
AUTHOR'S ORG: SAIC

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 1153

SUB-HEAD: 02.6 ACTION MEMORANDUM

TITLE: PROPOSED PLAN SUPERFUND INTERIM REMEDIAL ACTION AT AULT
FIELD AREA 6 LANDFILL

DATE: 1/3/92 # OF PAGES: 8 OPERABLE UNIT: 1
DOCUMENT NUMBER: 2.6-OU1-1 TYPE: NOTICE & INFORMAT T.O. ACTION:
AUTHOR:
AUTHOR'S ORG:

ADDRESSEE:
ADDRESSEE'S ORG:

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ID #: 297

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: TECHNICAL REVIEW COMMENTS - WHIDBEY ISLAND DRAFT SOIL GAS
SURVEY PROJECT PLAN

DATE: # OF PAGES: 4 OPERABLE UNIT: HWE
DOCUMENT NUMBER: 3.1-HWE-1 TYPE: LETTER T.O. ACTION:
AUTHOR: MICHELE POIRIER-MCNEILL
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

ID #: 285

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: HAZARDOUS WASTE EVALUATION STUDY SUGGESTIONS

DATE: 7/19/90 # OF PAGES: 2 OPERABLE UNIT: HWE
DOCUMENT NUMBER: 3.1-HWE-2 TYPE: LETTER T.O. ACTION:
AUTHOR: BUB LOISELLE
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

ID #: 296

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: COMMENTS PERTAINING TO THE DRAFT PROJECT PLANS FOR A SOIL
GAS SURVEY AT NAS WHIDBEY ISLAND

DATE: 11/6/90 # OF PAGES: 3 OPERABLE UNIT: HWE
DOCUMENT NUMBER: 3.1-HWE-3 TYPE: LETTER T.O. ACTION:
AUTHOR: BARRY ROGOWSKI
AUTHOR'S ORG: DEPARTMENT OF ECOLOGY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

ID #: 224

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: COMMENTS OF DRAFT WORK PLAN FOR THE HAZARDOUS WASTE
EVALUATION STUDY CTO-0030

DATE: 1/25/91 # OF PAGES: 2 OPERABLE UNIT: HWE
DOCUMENT NUMBER: 3.1-HWE-4 TYPE: LETTER T.O. ACTION:
AUTHOR: P H VOGEL, CIVIL ENGINEER
AUTHOR'S ORG: TECHNICAL REVIEW COMMITTEE

ADDRESSEE: ENVIRONMENTAL AFFAIRS OFFICE
ADDRESSEE'S ORG:

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ID #: 225

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: COMMENTS OF DRAFT HAZARDOUS WASTE EVALUSTION STUDY
MANAGEMENT PLANS FOR NAS WHIDBEY

DATE: 1/30/91 # OF PAGES: 17 OPERABLE UNIT: HWE
DOCUMENT NUMBER: 3.1-HWE-5 TYPE: LETTER, COMMENTS, T.O. ACTION:
AUTHOR: NANCY HARNEY
AUTHOR'S ORG: ENVIRONEMNTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY

ID #: 237

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: HAZARDOUS WASTE EVALUATION STUDY PROJECT MANAGEMENT PLAN
(MARCH 1991) FOR NAVAL AIR STATION WHIDBEY ISLAND

DATE: 4/1/91 # OF PAGES: 2 OPERABLE UNIT: HWE
DOCUMENT NUMBER: 3.1-HWE-6 TYPE: LETTER T.O. ACTION:
AUTHOR: NANCY HARNEY
AUTHOR'S ORG: ENVIRONEMNTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY

ID #: 236

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: COMMENTS ON DRAFT FINAL HAZARDOUS WASTE EVALUATION STUDY
MANAGEMENT PLANS FOR WHIDBEY

DATE: 4/2/91 # OF PAGES: 1 OPERABLE UNIT: HWE
DOCUMENT NUMBER: 3.1-HWE-7 TYPE: LETTER T.O. ACTION:
AUTHOR: BARRY ROGOWSKI
AUTHOR'S ORG: STATE OF WASHINGTON DEPARTMENT OF ECOLOGY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY

ID #: 289

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: AREAS 5 & 6 INTERIM ACTION DRAFT TECHNICAL MEMORANDUM
COMMENTS

DATE: # OF PAGES: 2 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-1 TYPE: MEMO T.O. ACTION:
AUTHOR: MATT KLOPE
AUTHOR'S ORG: NAS WHIDBEY ISLAND, WASHINGTON

ADDRESSEE:
ADDRESSEE'S ORG:

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ID #: 286

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: REQUEST FOR EXTENSION THE 30 DAY COMMENT PERIOD FOR THE
WHIDBEY ISLAND NAVAL AIR STATION MANAGEMENT PLAN, OPERABLE
UNIT A FOR AN ADDITIONAL 20 DAYS

DATE: 8/22/90 # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-10 TYPE: LETTER T.O. ACTION:
AUTHOR: BUB LOISELLE
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

ID #: 287

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: SUSPENSION OF THE ENVIRONMENTAL COMPLIANCE GROUP OF SCIENCE
APPLICATIONS INTERNATIONAL CORPORATION (SAIC)

DATE: 9/26/90 # OF PAGES: 2 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-11 TYPE: LETTER T.O. ACTION:
AUTHOR: CHARLES E. FINDLEY
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY, HAZARDOUS WASTE DIVISION

ADDRESSEE: CAPT. DAVID WAGGONER
ADDRESSEE'S ORG: NAS WHIDBEY

ID #: 291

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: COMMENTS ON OPERABLE UNIT #1 DRAFT MANAGEMENT PLANS

DATE: 10/1/90 # OF PAGES: 35 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-12 TYPE: LETTER T.O. ACTION:
AUTHOR: BUB LOISELLE
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

ID #: 292

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: ADDITIONAL COMMENTS ON OPERABLE UNIT #1 DRAFT MANAGEMENT
PLANS

DATE: 10/2/90 # OF PAGES: 4 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-13 TYPE: LETTER T.O. ACTION:
AUTHOR: BUB LOISELLE
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

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ID #: 293

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: NAS WHIDBEY ISLAND IR PROGRAM COMMENT REGARDING DRAFT RI/FS
STUDY OF OPERABLE UNIT A

DATE: 10/3/90 # OF PAGES: 4 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-14 TYPE: LETTER T.O. ACTION:
AUTHOR: JOYE BONVOULOIR
AUTHOR'S ORG: ISLAND COUNTY HEALTH DEPARTMENT

ADDRESSEE: KATHY SOUDERS
ADDRESSEE'S ORG: NAS WHIDBEY ISLAND, WASHINGTON

ID #: 294

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: HUMAN HEALTH RISK ASSESSMENT COMMENT OPERABLE UNIT.#1

DATE: 10/4/90 # OF PAGES: 3 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-15 TYPE: LETTER T.O. ACTION:
AUTHOR: BARRY ROGOWSKI
AUTHOR'S ORG: WASHINGTON STATE DEPARTMENT OF ECOLOGY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

ID #: 223

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: COMMENTS OF AREAS 5 & 6 DRAFT FIELD SAMPLING PLAN

DATE: 10/5/90 # OF PAGES: 4 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-16 TYPE: REPORT T.O. ACTION:
AUTHOR: MR. PETER VOGLE
AUTHOR'S ORG: GROUND WATER MANAGEMENT COMMITTEE

ADDRESSEE:
ADDRESSEE'S ORG:

ID #: 267

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: TRANSMITTAL OF THE SEISMIC SURVEY EVALUATION

DATE: 10/19/90 # OF PAGES: 5 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-17 TYPE: LETTER T.O. ACTION:
AUTHOR: DAVID E. MOHR, P.E. PROJECT COORDINATOR
AUTHOR'S ORG: URS

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

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ID #: 228

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: RESPONSE TO REGULATORY AGENCY REVIEW COMMENTS (RE: NOV 1990
AIR PATHWAY ANALYSIS WORK PLAN)

DATE: # OF PAGES: 8 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-18 TYPE: COMMENTS T.O. ACTION:
AUTHOR:
AUTHOR'S ORG:

ADDRESSEE:
ADDRESSEE'S ORG:

ID #: 268

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: CONFIRMATION OF PHONE CONVERSATION 11/16/90 RE: AN
ADDITIONAL HYDROGEOLOGICAL ISSUE

DATE: 11/16/90 # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-19 TYPE: LETTER T.O. ACTION:
AUTHOR: NANCY HARNEY
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

ID #: 288

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: AREAS 5 & 6 DRAFT RI/FS PROJECT PLAN COMMENTS

DATE: # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-2 TYPE: MEMO T.O. ACTION:
AUTHOR: MATT KLOPE
AUTHOR'S ORG: NAS WHIDBEY ISLAND, WASHINGTON

ADDRESSEE:
ADDRESSEE'S ORG:

ID #: 269

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: REVIEW OF REQUEST FOR CONDITIONAL APPROVAL OF THE DRAFT
FINAL MANAGEMENT PLANS FOR O.U. A

DATE: 11/16/90 # OF PAGES: 3 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-20 TYPE: LETTER T.O. ACTION:
AUTHOR: BARRY ROGOWSKI
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

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ID #: 271

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: DISCUSSION CONFIRMATION

DATE: 12/5/90 # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-21 TYPE: LETTER T.O. ACTION:
AUTHOR: NANCY HARNEY
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

ID #: 270

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: COMMENTS ON DRAFT FINAL MANAGEMENT PLANS

DATE: 12/14/90 # OF PAGES: 34 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-22 TYPE: LETTER T.O. ACTION:
AUTHOR: NANCY HARNEY
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

ID #: 264

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: COMMENTS ON AIR PATHWAYS ANALYSIS WORK PLAN

DATE: 1/3/91 # OF PAGES: 3 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-23 TYPE: LETTER T.O. ACTION:
AUTHOR: BARRY ROGOWSKI
AUTHOR'S ORG: WASHINGTON STATE DEPARTMENT OF ECOLOGY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

ID #: 263

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: TO CONFIRM PHONE CON ABOUT CHANGES IN REVIEW SCHEDULES

DATE: 1/3/91 # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-24 TYPE: LETTER T.O. ACTION:
AUTHOR: NANCY HARNEY
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

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ID #: 265

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: COMMENTS ON AIR PATHWAYS ANALYSIS WORK PLAN

DATE: 1/9/91 # OF PAGES: 8 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-25 TYPE: LETTER T.O. ACTION:
AUTHOR: NANCY HARNEY
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACITIVITY NORTHWEST

ID #: 259

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: BACKGROUND SURFACE WATER SAMPLING (WETLAND) SAMPLING FOR
AREA 5, NAS WHIDBEY ISLAND, WASHINGTON

DATE: 1/15/91 # OF PAGES: OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-26 TYPE: LETTER T.O. ACTION:
AUTHOR: BARRY ROGOWSKI
AUTHOR'S ORG: WASHINGTON STATE DEPARTMENT OF ECOLOGY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

ID #: 260

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: BRUCE WOODS COMMENTS PERTAINING TO QA REVIEW OF SAIC'S
STANDARD OPER PROC

DATE: 1/18/91 # OF PAGES: 2 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-27 TYPE: LETTER T.O. ACTION:
AUTHOR: NANCY HARNEY
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

ID #: 272

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: COMMENTS ON INTERIM ACTION DRAFT TECHNICAL MEMO, OPERABLE
UNIT 1

DATE: 2/12/91 # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-28 TYPE: LETTER & ENCLOSUR T.O. ACTION:
AUTHOR: KATHY SOUDERS
AUTHOR'S ORG: NAVAL AIR STATION WHIDBEY ISLAND, WASHINGTON

ADDRESSEE: COMMANDING OFFICER
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

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ID #: 107

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: COMMENTS ON REVISED DRAFT TECHNICAL MEMORANDUM FOR AREAS 5
& 6 INTERIM ACTION AT NAS WHIDBEY

DATE: 2/13/91 # OF PAGES: 9 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OUI-29 TYPE: LETTER & ENCLOSURE T.O. ACTION:
AUTHOR: NANCY HARNEY
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY

***** ID #: 279

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: COMMENTS ON AREAS 5 & 6 INTERIM ACTION WHIDBEY ISLAND AS OF
MARCH 02, 1990

DATE: 4/5/90 # OF PAGES: 2 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OUI-3 TYPE: LETTER T.O. ACTION:
AUTHOR: ROBERT A. POSS
AUTHOR'S ORG: DEPARTMENT OF ECOLOGY

ADDRESSEE: PATRICK R. VASICEK
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

***** ID #: 273

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: COMMENTS ON NAS WHIDBEY ISLAND, FINAL RI/FS WORKPLAN

DATE: 2/26/91 # OF PAGES: 8 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OUI-30 TYPE: LETTER T.O. ACTION:
AUTHOR: NANCY HARNEY
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY, NORTHWEST

***** ID #: 278

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: GRANTING OF WELL CONSTRUCTION VARIANCE

DATE: 3/8/91 # OF PAGES: 2 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OUI-31 TYPE: LETTER T.O. ACTION:
AUTHOR: HERMAN H. HUGGINS
AUTHOR'S ORG: DEPARTMENT OF ECOLOGY

ADDRESSEE: KEVIN STIGILE
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY, NORTHWEST

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ID #: 277

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: COMMENTS ON DRAFT FINAL AIR PATHWAYS WORKPLAN, OPERABLE
UNIT 1

DATE: 3/18/91 # OF PAGES: 3 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OUI-32 TYPE: LETTER T.O. ACTION:
AUTHOR: BARRY ROGOWSKY
AUTHOR'S ORG: DEPARTMENT OF ECOLOGY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY, NORTHWEST

ID #: 275

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: NOTIFICATION OF LABORATORY APPROVAL

DATE: 3/18/91 # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OUI-33 TYPE: LETTER T.O. ACTION:
AUTHOR: THOMAS FLOR
AUTHOR'S ORG: NEESA

ADDRESSEE: COMMANDING OFFICER (CODE 09ER)
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY, NORTHWEST

ID #: 276

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: DISCUSSION OF NAVY'S RESPONSE TO COMMENTS ON DRAFT AIR
PATHWAYS ANALYSIS WORKPLAN

DATE: 3/20/91 # OF PAGES: 2 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OUI-34 TYPE: LETTER T.O. ACTION:
AUTHOR: NANCY HARNEY
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY, NORTHWEST

ID #: 241

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: NOTIFICATION OF ADDITIONAL LABORATORY SITE APPROVAL

DATE: 5/6/91 # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OUI-35 TYPE: LETTER T.O. ACTION:
AUTHOR: THOMAS H. FLOR
AUTHOR'S ORG: DEPT OF THE NAVY NAVY ENERGY AND ENVIRONMENTAL PT HUENEME,
CA

ADDRESSEE: COMMANDING OFFICER, EFA NW (09ER)
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY

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ID #: 823

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: FINAL REVISION OF THE AIR PATHWAY ANALYSIS PLANS

DATE: 9/9/91 # OF PAGES: 1
DOCUMENT NUMBER: 3.1-OU1-36 TYPE: LETTER
AUTHOR: PAUL MARCHANT
AUTHOR'S ORG: WASHINGTON DEPT OF ECOLOGY

OPERABLE UNIT: 1
T.O. ACTION:

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 824

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: PROPOSED MODIFICATION TO FEDERAL FACILITIES AGREEMENT
DELIVERABLE SCHEDULE

DATE: 11/6/91 # OF PAGES: 1
DOCUMENT NUMBER: 3.1-OU1-37 TYPE: LETTER
AUTHOR: PAUL MARCHANT
AUTHOR'S ORG: WASHINGTON STATE DEPT OF ECOLOGY

OPERABLE UNIT: 1
T.O. ACTION:

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 825

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: COMMENTS LETTER DATED OCT 24, 91 CONCERNING INTERIM ACTION

DATE: 11/6/91 # OF PAGES: 2
DOCUMENT NUMBER: 3.1-OU1-38 TYPE: LETTER
AUTHOR: NANCY HARNEY
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

OPERABLE UNIT: 1
T.O. ACTION:

ADDRESSEE: KEVIN STIGILE
ADDRESSEE'S ORG: EFA, NW

ID #: 280

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: RESPONSE TO EPA COMMENTS ON SCOPE OF WORK FOR RI/FS AT
LANDFILL SITES 5 & 6 NAS WHIDBEY

DATE: 5/01/90 # OF PAGES: 5
DOCUMENT NUMBER: 3.1-OU1-4 TYPE: LETTER
AUTHOR: BUB LOISELLE
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

OPERABLE UNIT: 1
T.O. ACTION:

ADDRESSEE: PATRICK R. VASICEK
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

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NAS WHIDBEY
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ID #: 281

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: FOLLOW-UP TO THE RI/FS MID-COURSE CORRECTION MEETING HELD
5/11/90

DATE: 5/17/90 # OF PAGES: 2 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-5 TYPE: LETTER T.O. ACTION:
AUTHOR: BUB LOISELLE
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

ID #: 300

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: COMMENTS ON SCOPE OF WORK FOR RI/FS LANDFILL SITES 5 & 6
NAS WHIDBEY

DATE: 5/02/90 # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-6 TYPE: LETTER T.O. ACTION:
AUTHOR: ROBERT A. POSS
AUTHOR'S ORG: DEPARTMENT OF ECOLOGY

ADDRESSEE: BUB LOISELLE
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

ID #: 282

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: LIST OF ACTION ITEMS

DATE: 5/30/90 # OF PAGES: 12 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-7 TYPE: LETTER T.O. ACTION:
AUTHOR: BUB LOISELLE
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

ID #: 283

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: REVIEW COMMENTS ON DRAFT FINAL INTERIM ACTION PROJECT PLANS

DATE: 6/05/90 # OF PAGES: 16 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-8 TYPE: LETTER T.O. ACTION:
AUTHOR: KATHRYN A. SOUDERS
AUTHOR'S ORG: NAS WHIDBEY

ADDRESSEE: COMMANDING OFFICER
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

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ID #: 284

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: ECOLOGY'S COMMENTS ON DRAFT FINAL INTERIM ACTION PROJECT
PLANS FOR OU A (AREAS 5 & 6)

DATE: 6/05/90 # OF PAGES: 3 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.1-OU1-9 TYPE: LETTER T.O. ACTION:
AUTHOR: ROBERT A. POSS
AUTHOR'S ORG: DEPARTMENT OF ECOLOGY

ADDRESSEE: PATRICK R. VASICEK
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

ID #: 230

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: SUBMITTAL OF DRAFT MANAGEMENT PLANS ON OPERABLE UNIT 2

DATE: 6/28/91 # OF PAGES: 1 OPERABLE UNIT: 2
DOCUMENT NUMBER: 3.1-OU2-1 TYPE: LETTER T.O. ACTION:
AUTHOR: KEVIN STIGILE
AUTHOR'S ORG: ENGINEERING FIELD ACTIVITY

ADDRESSEE: NANCY HARNEY
ADDRESSEE'S ORG: U. S. ENVIRONMENTAL PROTECTION AGENCY

ID #: 826

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: EXTENSION ON COMMENT PERIOD FOR OU 2 DRAFT RI/FS MANAGEMENT
PLAN

DATE: 7/25/91 # OF PAGES: 1 OPERABLE UNIT: 2
DOCUMENT NUMBER: 3.1-OU2-2 TYPE: LETTER T.O. ACTION:
AUTHOR: BARRY ROGOWSKI
AUTHOR'S ORG: WASHINGTON STATE DEPT OF ECOLOGY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 827

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: REGARDING DEPT OF ECOLOGY'S REQUEST FOR EXTENSION FOR
SUBMITTAL OF COMMENTS ON FI/FS

DATE: 7/26/91 # OF PAGES: 1 OPERABLE UNIT: 2
DOCUMENT NUMBER: 3.1-OU2-3 TYPE: LETTER T.O. ACTION:
AUTHOR: NANCY HARNEY
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

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ID #: 828

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: REGARDING SUBMITTAL OF DRAFT FINAL MANAGEMENT PLANS

DATE: 10/3/91 # OF PAGES: 8 OPERABLE UNIT: 2
DOCUMENT NUMBER: 3.1-OU2-4 TYPE: LETTER AND ENCLOSURE T.O. ACTION:
AUTHOR: PAUL MARCHANT
AUTHOR'S ORG: WASHINGTON DEPARTMENT OF ECOLOGY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 829

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: EPA'S UNDERSTANDING OF PHONE CALL OF SEPT 25, 1991

DATE: 10/4/91 # OF PAGES: 2 OPERABLE UNIT: 2
DOCUMENT NUMBER: 3.1-OU2-5 TYPE: LETTER T.O. ACTION:
AUTHOR: NANCY HARNEY
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 830

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: LETTER ACCEPTING REQUEST TO CONDUCT GEOPHYSICAL
INVESTIGATIONS

DATE: 10/18/91 # OF PAGES: 1 OPERABLE UNIT: 2
DOCUMENT NUMBER: 3.1-OU2-6 TYPE: LETTER T.O. ACTION:
AUTHOR: PAUL MARCHANT
AUTHOR'S ORG: WASHINGTON STATE DEPARTMENT OF ECOLOGY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 831

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: REGARDING LATE SUBMITTALS

DATE: 10/18/91 # OF PAGES: 2 OPERABLE UNIT: 2
DOCUMENT NUMBER: 3.1-OU2-7 TYPE: LETTER T.O. ACTION:
AUTHOR: PAUL MARCHANT
AUTHOR'S ORG: WASHINGTON STATE DEPARTMENT OF ECOLOGY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

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ID #: 832

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: REVIEW COMMENTS ON DRAFT FINAL WORK PLANS FOR OU 2

DATE: 11/19/91 # OF PAGES: 12 OPERABLE UNIT: 2
DOCUMENT NUMBER: 3.1-OU2-8 TYPE: LETTER T.O. ACTION:
AUTHOR: NANCY HARNEY
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 833

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: COMMENTS ON DRAFT FINAL RI/FS MANAGEMENT PLANS FOR OU2

DATE: 11/20/91 # OF PAGES: 7 OPERABLE UNIT: 2
DOCUMENT NUMBER: 3.1-OU2-9 TYPE: LETTER T.O. ACTION:
AUTHOR: PAUL MARCHANT
AUTHOR'S ORG: WASHINGTON STATE DEPARTMENT OF ECOLOGY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 834

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: INTERNAL DRAFT REVIEW COMMENTS

DATE: 11/15/91 # OF PAGES: 7 OPERABLE UNIT: 3
DOCUMENT NUMBER: 3.1-OU3-1 TYPE: LETTER T.O. ACTION:
AUTHOR: K. A. SOUDERS
AUTHOR'S ORG: DEPT OF NAVY NAS WHIDBEY ISLAND

ADDRESSEE: 09ER3
ADDRESSEE'S ORG: EFA, NW

ID #: 240

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: REVIEW COMMENTS FOR THE DRAFT HAZARDOUS WASTE EVALUATION
STUDY AND OPERABLE UNIT 4 DRAFT MANAGEMENT PLANS

DATE: 2/20/90 # OF PAGES: 8 OPERABLE UNIT: 4
DOCUMENT NUMBER: 3.1-OU4-1 TYPE: LETTER AND ATTACH T.O. ACTION:
AUTHOR: K. A. SOUDERS
AUTHOR'S ORG: DEPT OF THE NAVY NAS WHIDBEY ISLAND

ADDRESSEE: COMMANDING OFFICER
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NW

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ID #: 238

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: REVIEW OF THE PROPOSED MARINE SAMPLING PROGRAM AND
BACKGROUND SOIL SAMPLING PROGRAM FOR WHIDBEY ISLAND
OPERABLE UNIT 4

DATE: 4/2/91 # OF PAGES: 3 OPERABLE UNIT: 4
DOCUMENT NUMBER: 3.1-OU4-10 TYPE: LETTER AND ATTACH T.O. ACTION:
AUTHOR: MICHELE POIRIER-MCNEILL
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSEG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY

ID #: 239

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: COMMENTS ON THE DRAFT BACKGROUND SOIL SAMPLING PROGRAM AND
THE PROPOSED MARINE SAMPLING PROGRAM FOR OPERABLE UNIT 4

DATE: 4/5/91 # OF PAGES: 6 OPERABLE UNIT: 4
DOCUMENT NUMBER: 3.1-OU4-11 TYPE: LETTER AND ATTACH T.O. ACTION:
AUTHOR: BARRY ROGOWSKI
AUTHOR'S ORG: STATE OF WASHINGTON DEPT OF ECOLOGY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY

ID #: 234

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: REVIEW OF DRAFT MANAGEMENT PLAN FOR NAS WHIDBEY OPERABLE
UNIT NO 4

DATE: 5/16/91 # OF PAGES: 11 OPERABLE UNIT: 4
DOCUMENT NUMBER: 3.1-OU4-12 TYPE: LETTER AND COMMEN T.O. ACTION:
AUTHOR: MICHELE POIRIER-MCNEILL
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY

ID #: 235

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: COMMENTS ON DRAFT FINAL RI/FS MANAGEMENT PLANS FOR OPERABLE
UNIT 4 (F&I)

DATE: 5/17/91 # OF PAGES: 8 OPERABLE UNIT: 4
DOCUMENT NUMBER: 3.1-OU4-13 TYPE: LETTER AND COMMEN T.O. ACTION:
AUTHOR: BARRY ROGOWSKI
AUTHOR'S ORG: STATE OF WASHINGTON DEPT OF ECOLOGY

ADDRESSEE: BRYAN HELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY

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ID #: 229

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: RESPONSE TO COMMENTS ON DRAFT FINAL MANAGEMENT PLANS,
OPERABLE UNIT 4

DATE: 6/7/91 # OF PAGES: 6 OPERABLE UNIT: 4
DOCUMENT NUMBER: 3.1-OU4-14 TYPE: LETTER AND ENCLOS. T.O. ACTION:
AUTHOR: KEVIN STIGILE
AUTHOR'S ORG: ENGINEERING FIELD ACTIVITY

ADDRESSEE: MICHELE POIRIER-MCNEIL
ADDRESSEE'S ORG: US S ENVIRONEMNTAL PROTECTION AGENCY

ID #: 231

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: REVIEW OF NAVY RESPONSE TO COMMENTS ON THE DRAFT FINAL
MANAGEMENT PLANS, OPERABLE UNIT 4 NAS WHIDBEY JUNE 7, 91

DATE: 6/18/91 # OF PAGES: 1 OPERABLE UNIT: 4
DOCUMENT NUMBER: 3.1-OU4-15 TYPE: LETTER T.O. ACTION:
AUTHOR: MICHELE POIRIER-MCNEILL
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY

ID #: 233

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: NAVY'S RESPONSES TO COMMENTS ABOUT THE DRAFT FINAL
MANAGEMENT PLANS

DATE: 6/18/91 # OF PAGES: 1 OPERABLE UNIT: 4
DOCUMENT NUMBER: 3.1-OU4-16 TYPE: LETTER T.O. ACTION:
AUTHOR: BARRY ROGOWSKI
AUTHOR'S ORG: STATE OF WASHINGTON DEPT OF ECOLOGY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY

ID #: 835

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: REVIEW OF FINAL MANAGEMENT PLANS FOR OU 4

DATE: 7/19/91 # OF PAGES: 1 OPERABLE UNIT: 4
DOCUMENT NUMBER: 3.1-OU4-17 TYPE: LETTER T.O. ACTION:
AUTHOR: MICHELE POIRIER-MC NEILL
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

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ID #: 836

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: COMMENTS ON FINAL RI/FS MANAGEMENT PLANS FOR OU 4

DATE: 7/25/91 # OF PAGES: 1 OPERABLE UNIT: 4
DOCUMENT NUMBER: 3.1-OU4-18 TYPE: LETTER T.O. ACTION:
AUTHOR: BARRY ROGOWSKI
AUTHOR'S ORG: WASHINGTON STATE DEPT OF ECOLOGY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 1154

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: STATUS OF THE REMEDIAL INVESTIGATION AT NAS WHIDBEY ISLAND
SEAPLANE BASE

DATE: 1/30/92 # OF PAGES: 2 OPERABLE UNIT: 4
DOCUMENT NUMBER: 3.1-OU4-19 TYPE: LETTER T.O. ACTION:
AUTHOR: MICHELE POIRIER-MCNEILL
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 266

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: COMMENTS ON INTERNAL DRAFT O.U. F & I, RI/FS MANAGEMENT
PLANS

DATE: 10/17/90 # OF PAGES: 14 OPERABLE UNIT: 4
DOCUMENT NUMBER: 3.1-OU4-2 TYPE: LETTER T.O. ACTION:
AUTHOR: K.A. SOUDERS
AUTHOR'S ORG: NAS WHIDBEY

ADDRESSEE: COMMANDING OFFICER
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

ID #: 258

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: COMMENTS ON OPERABLE UNITS F & I DRAFT MANAGEMENT PLANS

DATE: # OF PAGES: 1 OPERABLE UNIT: 4
DOCUMENT NUMBER: 3.1-OU4-3 TYPE: MEMO T.O. ACTION:
AUTHOR: MATT KLOPE
AUTHOR'S ORG: NAS WHIDBEY ISLAND, WASHINGTON

ADDRESSEE:
ADDRESSEE'S ORG:

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ID #: 261

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: REVIEW OF CTO #15 MANAGEMENT PLANS

DATE: 1/21/91 # OF PAGES: 4 OPERABLE UNIT: 4
DOCUMENT NUMBER: 3.1-OU4-4 TYPE: LETTER T.O. ACTION:
AUTHOR: SAUNDRA GADSON
AUTHOR'S ORG: MARTIN MARIETTA ENERGY SYSTEMS, INC.

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

ID #: 262

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: COMMENTS ON OPERABLE UNIT #4 DRAFT MANAGEMENT PLANS

DATE: 1/28/91 # OF PAGES: 3 OPERABLE UNIT: 4
DOCUMENT NUMBER: 3.1-OU4-5 TYPE: LETTER T.O. ACTION:
AUTHOR: SANDY HUNT
AUTHOR'S ORG: ISLAND COUNTY HEALTH DEPARTMENT

ADDRESSEE: K. A. SOUDERS - ENVIRONMENTAL DIRECTOR NAS WHIDBEY
ADDRESSEE'S ORG: NAS WHIDBEY ISLAND

ID #: 290

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: COMMENTS ON DRAFT MANAGEMENT PLANS OPERABLE UNIT #4

DATE: 1/29/91 # OF PAGES: 11 OPERABLE UNIT: 4
DOCUMENT NUMBER: 3.1-OU4-6 TYPE: LETTER T.O. ACTION:
AUTHOR: BARRY ROGOWSKI
AUTHOR'S ORG: WASHINGTON STATE DEPARTMENT OF ECOLOGY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACITIVITY NORTHWEST

ID #: 227

SUB-HEAD: 03.1 CORRESPONDENCE
TITLE: REVIEW OF DRAFT MANAGEMENT PLAN FOR NAS WHIDBEY ISLAND
OPERABLE UNIT NO 4

DATE: 1/31/91 # OF PAGES: 82 OPERABLE UNIT: 4
DOCUMENT NUMBER: 3.1-OU4-7 TYPE: LETTER, COMMENTS, T.O. ACTION:
AUTHOR: MICHELE POIRIER-MCNEILL
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY

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ID #: 298

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: COMMENTS ON DRAFT MANAGEMENT PLANS OPERABLE UNIT #4

DATE: 2/6/91 # OF PAGES: 11 OPERABLE UNIT: 4
DOCUMENT NUMBER: 3.1-OU4-8 TYPE: LETTER T.O. ACTION:
AUTHOR: BARRY ROGOWSKI
AUTHOR'S ORG: WASHINGTON DEPARTMENT OF ECOLOGY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

***** ID #: 274

SUB-HEAD: 03.1 CORRESPONDENCE

TITLE: NAVY RESPONSE TO REGULATORY COMMENTS ON OPERABLE UNIT #4
RI/FS DRAFT MANAGEMENT PLANS FOR NAS WHIDBEY ISLAND
(SEAPLANE BASE)

DATE: 3/1/91 # OF PAGES: 2 OPERABLE UNIT: 4
DOCUMENT NUMBER: 3.1-OU4-9 TYPE: LETTER T.O. ACTION:
AUTHOR: BARRY ROGOWSKI
AUTHOR'S ORG: DEPARTMENT OF ECOLOGY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY, NORTHWEST

***** ID #: 1163

SUB-HEAD: 03.10 COMMENTS

TITLE: COMMENTS ON THE FINAL MANAGEMENT PLAN FOR THE HAZARDOUS
WASTE EVALUATION STUDY

DATE: 6/28/91 # OF PAGES: 4 OPERABLE UNIT: HWE
DOCUMENT NUMBER: 3.10-HWE-1 TYPE: COMMENTS T.O. ACTION:
AUTHOR: NANCY HARNEY
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

***** ID #: 840

SUB-HEAD: 03.10 COMMENTS

TITLE: SCOPE OF WORK FOR RI/FS LANDFILL

DATE: 5/2/90 # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.10-OU1-1 TYPE: LETTER T.O. ACTION:
AUTHOR: ROBERT A. POSS
AUTHOR'S ORG: WASHINGTON STATE DEPARTMENT OF ECOLOGY

ADDRESSEE: BUB LOISELLE
ADDRESSEE'S ORG: ENVIRONMENTAL PROTECTION AGENCY

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ID #: 1158

SUB-HEAD: 03.10 COMMENTS
TITLE: RESPONSES TO REGULATORY AGENCY REVIEW COMMENTS OF NOVEMBER
1990 AIR PATHWAY ANALYSIS WORK PLAN

DATE: 1/91 # OF PAGES: 8 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.10-OU1-2 TYPE: RESPONSES T.O. ACTION:
AUTHOR: URS
AUTHOR'S ORG:

ADDRESSEE:
ADDRESSEE'S ORG:

ID #: 1159

SUB-HEAD: 03.10 COMMENTS
TITLE: RESPONSES TO REGULATORY AGENCY REVIEW COMMENTS RE: JUNE
1991 AIR PATHWAY ANALYSIS WORK PLAN APPENENDICES

DATE: 6/91 # OF PAGES: 9 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.10-OU1-3 TYPE: RESPONSES T.O. ACTION:
AUTHOR: URS
AUTHOR'S ORG:

ADDRESSEE:
ADDRESSEE'S ORG:

ID #: 1160

SUB-HEAD: 03.10 COMMENTS
TITLE: COMMENTS ON SITE CHARACTERIZATION STUDY REPORT, OPERABLE
UNIT 1 NAS WHIDBEY

DATE: 2/20/92 # OF PAGES: 3 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.10-OU1-4 TYPE: LETTER & COMMENTS T.O. ACTION:
AUTHOR: PAUL MARCHANT
AUTHOR'S ORG: DEPARTMENT OF ECOLOGY STATE OF WASHINGTON

ADDRESSEE: BRYAN HEALSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 1161

SUB-HEAD: 03.10 COMMENTS
TITLE: REVIEW COMMENTS ON THE DRAFT RI/FS MANAGEMENT PLANS FOR
OPERABLE UNIT 2 AT NAS WHIDBEY ISLAND

DATE: # OF PAGES: 2 OPERABLE UNIT: 2
DOCUMENT NUMBER: 3.10-OU2-1 TYPE: COMMENTS T.O. ACTION:
AUTHOR: BRYAN HAELSIG
AUTHOR'S ORG: EFA, NW

ADDRESSEE:
ADDRESSEE'S ORG:

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ID #: 1164

SUB-HEAD: 03.10 COMMENTS

TITLE: COMMENTS BY EPA FOR THE DRAFT REMEDIAL INVESTIGATION AND
FEASIBILITY STUDY WORK PLANS FOR OU 2

DATE: 8/14/91 # OF PAGES: 48 OPERABLE UNIT: 2
DOCUMENT NUMBER: 3.10-OU2-1 TYPE: LETTER & COMMENTS T.O. ACTION:
AUTHOR: NANCY HARNEY
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 1165

SUB-HEAD: 03.10 COMMENTS

TITLE: COMMENTS OF BOTH ECOLOGY AND STATE HEALTH DEPARTMENT ON THE
DRAFT MANAGEMENT PLAN PLANS FOR OU2

DATE: 8/21/91 # OF PAGES: 25 OPERABLE UNIT: 2
DOCUMENT NUMBER: 3.10-OU2-2 TYPE: LETTER & COMMENTS T.O. ACTION:
AUTHOR: PAUL MARCHANT
AUTHOR'S ORG: DEPARTMENT OF ECOLOGY STATE OF WASHINGTON

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 1166

SUB-HEAD: 03.10 COMMENTS

TITLE: SAIC RESPONSE TO COMMENTS ON DRAFT MANAGEMENT PLANS TO DEPT
OF ECOLOGY, EPA, EFA, NW, NAS WHIDBEY ISLAND

DATE: 9/14/91 # OF PAGES: 72 OPERABLE UNIT: 2
DOCUMENT NUMBER: 3.10-OU2-3 TYPE: LETTER & COMMENTS T.O. ACTION:
AUTHOR: DOUGLAS N. PEARMAN
AUTHOR'S ORG: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION (SAIC)

ADDRESSEE: JOHN GILLESPIE
ADDRESSEE'S ORG: URS

ID #: 1157

SUB-HEAD: 03.10 COMMENTS

TITLE: COMMENTS OF DRAFT MANAGEMENT PLANS FOR OPERABLE UNIT 3
(AREAS 16 & 31) NAVAL AIR STATION WHIDBEY ISLAND WA

DATE: 2/5/92 # OF PAGES: 77 OPERABLE UNIT: 3
DOCUMENT NUMBER: 3.10-OU3 TYPE: LETTER & COMMENTS T.O. ACTION:
AUTHOR: PAUL MARCHANT
AUTHOR'S ORG: DEPARTMENT OF ECOLOGY STATE OF WASHINGTON

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

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ID #: 841

SUB-HEAD: 03.10 COMMENTS

TITLE: RESPONSE TO NAVY COMMENTS ON THE INTERNAL DRAFT MANAGEMENT PLAN

DATE: 11/21/91 # OF PAGES: 22 OPERABLE UNIT: 3
DOCUMENT NUMBER: 3.10-OU3-1 TYPE: LETTER T.O. ACTION:
AUTHOR: TOM ABBOTT
AUTHOR'S ORG: URS

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 842

SUB-HEAD: 03.10 COMMENTS

TITLE: RESPONSE TO EPA AND ECOLOGY COMMENTS ON THE DRAFT RI/FS PROJECT PLAN

DATE: # OF PAGES: 19 OPERABLE UNIT: 4
DOCUMENT NUMBER: 3.10-OU4-1 TYPE: REPORT T.O. ACTION:
AUTHOR:
AUTHOR'S ORG:

ADDRESSEE:
ADDRESSEE'S ORG:

ID #: 1162

SUB-HEAD: 03.10 COMMENTS

TITLE: COMMENTS ON THE DRAFT RI/FS PROJECT PLANS FOR OPERABLE UNITS F AND I AT THE SEAPLANE BASE AT NAS WHIDBEY ISLAND

DATE: 2/13/91 # OF PAGES: 8 OPERABLE UNIT: 4
DOCUMENT NUMBER: 3.10-OU4-2 TYPE: LETTER & COMMENTS T.O. ACTION:
AUTHOR: MARCIA KNADLE (HYDROGEOLOGIST)
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: MICHELE POIRIER-McNEILL (PROJECT MANAGER)
ADDRESSEE'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ID #: 301

SUB-HEAD: 03.2 SCOPES OF WORK

TITLE: COMMENTS ON INTERIM ACTION SAMPLING PLAN FOR AREAS 5 & 6

DATE: 4/19/90 # OF PAGES: 15 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.2-OU1-1 TYPE: LETTER T.O. ACTION:
AUTHOR: BUB LOISELLE
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: ENGINEERING FIELD ACTIVITY NW

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ID #: 303

SUB-HEAD: 03.3 RI/FS PROJECT PLANS
TITLE: HEALTH AND SAFETY PLAN OPERABLE UNIT 1

DATE: 2/1/91 # OF PAGES: 240 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.3-OU1-1 TYPE: REPORT T.O. ACTION:
AUTHOR: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION
AUTHOR'S ORG: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

ADDRESSEE: URS CONSULTANTS, INC.
ADDRESSEE'S ORG: URS CONSULTANTS, INC.

ID #: 304

SUB-HEAD: 03.3 RI/FS PROJECT PLANS
TITLE: QUALITY ASSURANCE PROJECT PLAN OPERABLE UNIT 1

DATE: 2/1/91 # OF PAGES: 88 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.3-OU1-2 TYPE: REPORT T.O. ACTION:
AUTHOR: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION
AUTHOR'S ORG: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

ADDRESSEE: URS CONSULTANTS, INC.
ADDRESSEE'S ORG: URS CONSULTANTS, INC.

ID #: 839

SUB-HEAD: 03.3 RI/FS PROJECT PLANS
TITLE: COMMUNITY RELATIONS PLAN

DATE: 2/1/91 # OF PAGES: 74 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.3-OU1-3 TYPE: REPORT T.O. ACTION:
AUTHOR: URS
AUTHOR'S ORG:

ADDRESSEE: EFA, NW
ADDRESSEE'S ORG:

ID #: 302

SUB-HEAD: 03.3 RI/FS PROJECT PLANS
TITLE: FIELD SAMPLING PLAN OPERABLE UNIT 1

DATE: 2/1/91 # OF PAGES: 148 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.3-OU1-4 TYPE: REPORT T.O. ACTION:
AUTHOR: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION
AUTHOR'S ORG: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

ADDRESSEE: URS CONSULTANTS, INC.
ADDRESSEE'S ORG: URS CONSULTANTS, INC.

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ID #: 305

SUB-HEAD: 03.3 RI/FS PROJECT PLANS
TITLE: WORK PLAN OPERABLE UNIT 1

DATE: 2/1/91 # OF PAGES: 118 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.3-OU1-5 TYPE: REPORT T.O. ACTION:
AUTHOR: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION
AUTHOR'S ORG: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

ADDRESSEE: URS CONSULTANTS, INC.
ADDRESSEE'S ORG: URS CONSULTANTS, INC.

ID #: 838

SUB-HEAD: 03.3 RI/FS PROJECT PLANS
TITLE: MONTHLY PROGRESS REPORT

DATE: 11/5/91 # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.3-OU1-6 TYPE: LETTER T.O. ACTION:
AUTHOR: DAVID B. SHEHEE
AUTHOR'S ORG: MARTIN MARIETTA ENERGY SYSTEM INC.

ADDRESSEE: MR. SCHEIBLE
ADDRESSEE'S ORG: EAGLE PICHER ENVIRONMENTAL SERVICES

ID #: 1155

SUB-HEAD: 03.3 RI/FS PROJECT PLANS
TITLE: CHANGES FOR THE COMMUNITY RELATIONS PLAN (CRP)

DATE: 6/28/91 # OF PAGES: 15 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.3-OU1-7 TYPE: CHANGES T.O. ACTION:
AUTHOR: URS
AUTHOR'S ORG:

ADDRESSEE:
ADDRESSEE'S ORG:

ID #: 1156

SUB-HEAD: 03.3 RI/FS PROJECT PLANS
TITLE: CHANGES TO BE MADE TO THE RI/FS MANAGEMENT PLANS FOR NAS
WHIDBEY ISLAND OPERABLE UNIT 1

DATE: 5/6/91 # OF PAGES: 117 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.3-OU1-8 TYPE: CORRECTIONS T.O. ACTION:
AUTHOR: SAIC
AUTHOR'S ORG:

ADDRESSEE:
ADDRESSEE'S ORG:

4/03/92

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ID #: 837

SUB-HEAD: 03.4 ATA/CHAIN OF CUSTODY
TITLE: DOCUMENT TRANSMITTAL - VALIDATED DATA

DATE: 10/7/91 # OF PAGES: 5 OPERABLE UNIT: 1
DOCUMENT NUMBER: 3.4-OU1-1 TYPE: LETTER & ENCLOSURE T.O. ACTION:
AUTHOR: DAVID E. MOHR
AUTHOR'S ORG: URS CONSULTANTS

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 307

SUB-HEAD: 05.1 CORRESPONDENCE
TITLE: FEDERAL FACILITY AGREEMENT FOR NAS WHIDBEY

DATE: 8/90 # OF PAGES: 2 OPERABLE UNIT: 1
DOCUMENT NUMBER: 5.1-OU1-1 TYPE: LETTER T.O. ACTION:
AUTHOR: SMITH
AUTHOR'S ORG: NAS WHIDBEY

ADDRESSEE: COMMANDER-IN-CHIEF, U.S. PACIFIC FLEET (CODE 00JE)
ADDRESSEE'S ORG:

ID #: 877

SUB-HEAD: 05.1 CORRESPONDENCE
TITLE: FEDERAL FACILITY AGREEMENT FOR NAS WHIDBEY

DATE: 8/90 # OF PAGES: 2 OPERABLE UNIT: 2
DOCUMENT NUMBER: 5.1-OU1-1 TYPE: LETTER T.O. ACTION:
AUTHOR: SMITH
AUTHOR'S ORG: NAS WHIDBEY

ADDRESSEE: COMMANDER-IN-CHIEF, U.S. PACIFIC FLEET (CODE 00JE)
ADDRESSEE'S ORG:

ID #: 878

SUB-HEAD: 05.1 CORRESPONDENCE
TITLE: FEDERAL FACILITY AGREEMENT FOR NAS WHIDBEY

DATE: 8/90 # OF PAGES: 2 OPERABLE UNIT: 3
DOCUMENT NUMBER: 5.1-OU1-1 TYPE: LETTER T.O. ACTION:
AUTHOR: SMITH
AUTHOR'S ORG: NAS WHIDBEY

ADDRESSEE: COMMANDER IN CHIEF, U S PACIFIC FLEET (CODE 00JE)
ADDRESSEE'S ORG:

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Page 39

ID #: 879

SUB-HEAD: 05.1 CORRESPONDENCE
TITLE: FEDERAL FACILITY AGREEMENT FOR NAS WHIDBEY

DATE: 8/90 # OF PAGES: 2 OPERABLE UNIT: 4
DOCUMENT NUMBER: 5.1-OU1-1 TYPE: LETTER T.O. ACTION:
AUTHOR: SMITH
AUTHOR'S ORG: NAS WHIDBEY

ADDRESSEE: COMMANDER IN CHIEF, U S PACIFIC FLEET (CODE 00JE)
ADDRESSEE'S ORG:

ID #: 880

SUB-HEAD: 05.1 CORRESPONDENCE
TITLE: FEDERAL FACILITY AGREEMENT FOR NAS WHIDBEY

DATE: 8/90 # OF PAGES: 2 OPERABLE UNIT: HWE
DOCUMENT NUMBER: 5.1-OU1-1 TYPE: LETTER T.O. ACTION:
AUTHOR: SMITH
AUTHOR'S ORG: NAS WHIDBEY

ADDRESSEE: COMMANDER IN CHIEF, U S PACIFIC FLEET (CODE 00JE)
ADDRESSEE'S ORG:

ID #: 844

SUB-HEAD: 05.1 CORRESPONDENCE
TITLE: CHANGE IN ECOLOGY PROJECT MANAGER

DATE: 8/1/91 # OF PAGES: 1 OPERABLE UNIT: 2
DOCUMENT NUMBER: 5.1-OU1-2 TYPE: LETTER T.O. ACTION:
AUTHOR: DUANE R. GOODMAN
AUTHOR'S ORG: STATE OF WASHINGTON DEPT OF ECOLOGY

ADDRESSEE: PAT VASACZK
ADDRESSEE'S ORG: EFA, NW

ID #: 845

SUB-HEAD: 05.1 CORRESPONDENCE
TITLE: CHANGE IN ECOLOGY PROJECT MANAGER

DATE: 8/1/91 # OF PAGES: 1 OPERABLE UNIT: 3
DOCUMENT NUMBER: 5.1-OU1-2 TYPE: LETTER T.O. ACTION:
AUTHOR: DUANE R. GOODMAN
AUTHOR'S ORG: STATE OF WASHINGTON DEPT OF ECOLOGY

ADDRESSEE: PAT VASACZK
ADDRESSEE'S ORG: EFA, NW

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ID #: 846

SUB-HEAD: 05.1 CORRESPONDENCE
TITLE: CHANGE IN ECOLOGY PROJECT MANAGER

DATE: 8/1/91 # OF PAGES: 1 OPERABLE UNIT: 4
DOCUMENT NUMBER: 5.1-OU1-2 TYPE: LETTER T.O. ACTION:
AUTHOR: DUANE R. GOODMAN
AUTHOR'S ORG: STATE OF WASHINGTON DEPT OF ECOLOGY

ADDRESSEE: PAT VASACZK
ADDRESSEE'S ORG: EFA, NW

ID #: 847

SUB-HEAD: 05.1 CORRESPONDENCE
TITLE: CHANGE IN ECOLOGY PROJECT MANAGER

DATE: 8/1/91 # OF PAGES: 1 OPERABLE UNIT: HWE
DOCUMENT NUMBER: 5.1-OU1-2 TYPE: LETTER T.O. ACTION:
AUTHOR: DUANE R. GOODMAN
AUTHOR'S ORG: STATE OF WASHINGTON DEPT OF ECOLOGY

ADDRESSEE: PAT VASACZK
ADDRESSEE'S ORG: EFA, NW

ID #: 306

SUB-HEAD: 05.1 CORRESPONDENCE
TITLE: FEDERAL FACILITY AGREEMENT FOR NAS WHIDBEY

DATE: 8/10/90 # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 5.1-OU1-2 TYPE: LETTER T.O. ACTION:
AUTHOR: R.F. HEINE, JR.
AUTHOR'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

ADDRESSEE: COMMANDER, NAVFACENGCOM (CODE 09CB4)
ADDRESSEE'S ORG:

ID #: 873

SUB-HEAD: 05.1 CORRESPONDENCE
TITLE: FEDERAL FACILITY AGREEMENT FOR NAS WHIDBEY

DATE: 8/10/90 # OF PAGES: 1 OPERABLE UNIT: 2
DOCUMENT NUMBER: 5.1-OU1-2 TYPE: LETTER T.O. ACTION:
AUTHOR: R. F. HEINE, JR.
AUTHOR'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

ADDRESSEE: COMMANDER, NAVFACENGCOM (CODE 09CB4)
ADDRESSEE'S ORG:

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ID #: 874

SUB-HEAD: 05.1 CORRESPONDENCE
TITLE: FEDERAL FACILITY AGREEMENT FOR NAS WHIDBEY

DATE: 8/10/90 # OF PAGES: 1 OPERABLE UNIT: 3
DOCUMENT NUMBER: 5.1-OU1-2 TYPE: LETTER T.O. ACTION:
AUTHOR: R. F. HEINE, JR.
AUTHOR'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

ADDRESSEE: COMMANDER, NAVFACENGCOM (CODE 09CB4)
ADDRESSEE'S ORG:

ID #: 875

SUB-HEAD: 05.1 CORRESPONDENCE
TITLE: FEDERAL FACILITY AGREEMENT FOR NAS WHIDBEY

DATE: 8/10/90 # OF PAGES: 1 OPERABLE UNIT: 4
DOCUMENT NUMBER: 5.1-OU1-2 TYPE: LETTER T.O. ACTION:
AUTHOR: R. F. HEINE, JR.
AUTHOR'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

ADDRESSEE: COMMANDER, NAVFACENGCOM (CODE 09CB4)
ADDRESSEE'S ORG:

ID #: 876

SUB-HEAD: 05.1 CORRESPONDENCE
TITLE: FEDERAL FACILITY AGREEMENT FOR NAS WHIDBEY

DATE: 8/10/90 # OF PAGES: 1 OPERABLE UNIT: HWE
DOCUMENT NUMBER: 5.1-OU1-2 TYPE: LETTER T.O. ACTION:
AUTHOR: R. F. HEINE, JR.
AUTHOR'S ORG: ENGINEERING FIELD ACTIVITY NORTHWEST

ADDRESSEE: COMMANDER, NAVFACENGCOM (CODE 09CB4)
ADDRESSEE'S ORG:

ID #: 564

SUB-HEAD: 05.1 CORRESPONDENCE
TITLE: COMMENTS ON DRAFT MANAGEMENT PLANS FOR OPERABLE UNIT 1

DATE: 10/2/90 # OF PAGES: 2 OPERABLE UNIT: 1
DOCUMENT NUMBER: 5.1-OU1-3 TYPE: LETTER T.O. ACTION:
AUTHOR: BARRY ROGOWSKI
AUTHOR'S ORG: DEPARTMENT OF ECOLOGY STATE OF WASHINGTON

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA NW

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ID #: 843

SUB-HEAD: 05.1 CORRESPONDENCE
TITLE: CHANGE IN ECOLOGY PROJECT MANAGER

DATE: 8/1/91 # OF PAGES: 1 OPERABLE UNIT: 1
DOCUMENT NUMBER: 5.1-OU1-4 TYPE: LETTER T.O. ACTION:
AUTHOR: DUANE R. GOODMAN
AUTHOR'S ORG: STATE OF WASHINGTON DEPT OF ECOLOGY

ADDRESSEE: PAT VASACZK
ADDRESSEE'S ORG: EFA, NW

ID #: 848

SUB-HEAD: 05.1 CORRESPONDENCE
TITLE: REQUEST FOR VARIANCE

DATE: 12/19/91 # OF PAGES: 2 OPERABLE UNIT: 2
DOCUMENT NUMBER: 5.1-OU2-1 TYPE: LETTER T.O. ACTION:
AUTHOR: DOUGLAS N. PEARMAN
AUTHOR'S ORG: SCIENCE APPLICATION INTERNATIONAL CORPORATION

ADDRESSEE: ROD THOMPSON
ADDRESSEE'S ORG: WASHINGTON DEPT OF ECOLOGY

ID #: 562

SUB-HEAD: 05.1 CORRESPONDENCE
TITLE: COMMENTS ON DRAFT HEALTH AND SAFETY PLAN (HASP) FOR
OPERABLE UNITS F AND I

DATE: 2/5/91 # OF PAGES: 2 OPERABLE UNIT: 4
DOCUMENT NUMBER: 5.1-OU4-1 TYPE: LETTER T.O. ACTION:
AUTHOR: DICK BOOSE
AUTHOR'S ORG: DEPARTMENT OF ECOLOGY

ADDRESSEE: BARRY ROGOWSKI
ADDRESSEE'S ORG: DEPT OF ECOLOGY STATE OF WASHINGTON

ID #: 563

SUB-HEAD: 05.1 CORRESPONDENCE
TITLE: COMMENTS ON DRAFT HEALTH AND SAFETY PLAN FOR OU 4

DATE: 2/6/91 # OF PAGES: 1 OPERABLE UNIT: 4
DOCUMENT NUMBER: 5.1-OU4-2 TYPE: LETTER T.O. ACTION:
AUTHOR: BARRY ROGOWSKI
AUTHOR'S ORG: DEPARTMENT OF ECOLOGY FOR STATE OF WASHINGTON

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA NW

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ID #: 1167

SUB-HEAD: 05.1 CORRESPONDENCE

TITLE: COMMENTS ON EPA'S COLLECTION OF SPLIT SAMPLES FROM SIX
GROUNDWATER MONITORING WELLS

DATE: 1/29/92 # OF PAGES: 64 OPERABLE UNIT: 4
DOCUMENT NUMBER: 5.1-OU4-3 TYPE: LETTER & COMMENTS T.O. ACTION:
AUTHOR: MICHELE POIRIER-McNEILL
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 1168

SUB-HEAD: 05.1 CORRESPONDENCE

TITLE: NOTIFICATION OF CHANGE OF THE USEPA PROJECT MANAGER TO MS.
KATHLEEN STRYKER

DATE: 3/6/92 # OF PAGES: 1 OPERABLE UNIT: 4
DOCUMENT NUMBER: 5.1-OU4-4 TYPE: LETTER T.O. ACTION:
AUTHOR: MICHELE POIRIER-McNEILL
AUTHOR'S ORG: ENVIRONMENTAL PROTECTION AGENCY

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW

ID #: 232

SUB-HEAD: 07.1 CORRESPONDENCE

TITLE: REGARDING SITE VISIT JUNE 18-21

DATE: 6/4/91 # OF PAGES: 1 OPERABLE UNIT:
DOCUMENT NUMBER: 7.1-1 TYPE: LETTER T.O. ACTION:
AUTHOR: STEPHEN S. AOYAMA
AUTHOR'S ORG: ENVIRONEMNTAL ENGINEER FEDERAL FACILITY ACTIVITY

ADDRESSEE: MR. MATTHEW KLOPE
ADDRESSEE'S ORG: NAS WHIDBEY ISLAND

ID #: 850

SUB-HEAD: 08.1 CORRESPONDENCE

TITLE: COMMENTS ON DRAFT RI/FS WORK PLANS

DATE: 8/27/91 # OF PAGES: 5 OPERABLE UNIT: 2
DOCUMENT NUMBER: 8.1-OU2-1 TYPE: LETTER T.O. ACTION:
AUTHOR: CHRIS MEBANE
AUTHOR'S ORG: U S DEPT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC
ADMINISTRATION

ADDRESSEE: BRYAN HAELSIG
ADDRESSEE'S ORG: EFA, NW
